



Maricopa County

Air Quality Department

Mail all Applications to:

MCAQD One Stop Shop
Permit Application Intake
501 N. 44th Street, 2nd Floor
Phoenix, AZ 85008-6538
FAX: (602) 372-1078

Air Quality Department Offices
Phone: (602) 506-6010
Website: <http://www.maricopa.gov/aq/>

APPLICATION FOR NEW FACILITY, PERMIT RENEWAL, OR NEW PERMIT WITH OWNERSHIP CHANGE—FUEL BURNING FACILITIES

INSTRUCTIONS FOR THE AUTHORITY TO OPERATE AND/OR CONSTRUCT A FUEL BURNING FACILITY UNDER THE GENERAL PERMIT

When is this Application required?

- New fuel burning facility will be built
- Renewal of an existing fuel burning permit
- Ownership changes when a new permit is desired instead of a permit transfer

Facilities that qualify for an Authority to Operate (ATO) or Construct under the Maricopa County General Permit for Fuel Burning Operations may use this form for applying for an ATO. Using this application, you will obtain an ATO under this General Permit faster and at a lower cost than if applying for an individual source permit. This application must cover all activities at the facility; both existing and proposed, that are required to be covered by an air quality permit. If a facility changes ownership, this Application may be used to apply for a new permit in the new owner's name. If there is an ownership change, a Permit Transfer Form may be completed in place of this Application and the permit transferred at no charge.

What fee is required with the Application?

- New owner or new facility: **\$250**
- If a Notice of Violation was received: **\$350**
- Renewal: no charge
- Annual fee: All facilities operating under this General Permit will be billed annually.

Complete the application by typing or printing legibly. If the application is for a renewal for an existing facility that currently has a valid authority to operate under the fuel burning general permit, no application fee is required. If the application is for initial coverage or for coverage by a new owner under the fuel burning general permit, a fee of **\$250** must be submitted with the application. If a Notice of Violation was issued for constructing and/or operating a new facility without a permit, an additional **\$100** is due with the application. If a Notice of Violation was issued, additional penalties may be imposed as a result of an enforcement action. The Department will send a billing to cover the annual administrative fee.

What requirements must the facility meet to qualify for this General Permit?

- External fuel burning and emergency internal combustion engines are the only activities at the site that require an air quality permit.
- The external fuel burning equipment uses only natural gas, butane or propane as fuel.
- The maximum heat input rating for any single piece of external fuel burning equipment at the site is less than 10 million BTU/hr.
- The maximum combined heat input rating for all fuel burning equipment (excluding internal combustion engines) at the facility as a whole is less than 55 million BTU/hr.
- The total maximum horsepower rating of all internal combustion engines on the site is no more than 250 horsepower; the engine(s) is used only for emergency purposes (i.e., backup generators); and the engine(s) is never used for peak shaving purposes. Count only engines greater than 50 horsepower.

APPLICATION FOR NEW FACILITY, PERMIT RENEWAL, OR NEW PERMIT WITH OWNERSHIP CHANGE—FUEL BURNING FACILITIES

What if the facility does not qualify for this General Permit?

If the facility does not qualify for coverage under this general permit, the application will be forwarded for review as an individual source permit. *If the facility is required to obtain an individual source permit, the department will bill for any additional applicable permit fees.*

I have filled out an Application before. Why do I need to complete it again?

- The Application has been updated and revised.
- The General Permit expires every five years, regardless of when a facility received an Authority to Operate.
- New federal rules have been adopted that apply to fuel burning facilities. This new Application helps ensure that any facility receiving an Authority to Operate under the General Permit meets these federal requirements.

What is needed to complete the Application?

- Name and contact information for the site
- Name and contact information for the owner
- Permit number for a renewal application
- List of all fuel burning equipment at the site
- Equipment type, model number, year installed, and model year or manufacturing date
- Heat input rating or horsepower for each piece of equipment
- Site map or drawing showing equipment locations
- Signature of the owner or a Responsible Official

Items 1 through 15 and the Technical Section of the application must be completed by all applicants. Attach drawings and any necessary specifications to show the location of the fuel burning equipment. If necessary, attach additional sheets to the application to provide all required information. Obtaining an ATO through fraud or misrepresentation may subject you to civil and criminal penalties.

What do I do if I need help with this Application?

The Maricopa County Air Pollution Control Rules and Regulations are available at the listed address. To obtain a copy, contact the Department for information and costs, or download them from our Internet site: http://www.maricopa.gov/aq/divisions/planning_analysis/

Additional information on permitting is available at the Maricopa County Air Quality Department website: http://www.maricopa.gov/aq/divisions/permit_engineering/

Businesses needing assistance in completing the application package may contact the permit engineer, Jess Lotwala, at (602) 506-6735, or the Air Quality Department main line at (602) 506-6010 for connection to other permit engineers who can provide assistance.



MARICOPA COUNTY ONE STOP SHOP
 Permit Application Intake
 501 N. 44th Street, 2nd Floor
 Phoenix, Arizona 85008-6538
 (602) 506-6010
 FAX (602) 372-1078

DATE RECEIVED
LOG NUMBER

APPLICATION FOR THE AUTHORITY TO OPERATE AND/OR CONSTRUCT FUEL BURNING EQUIPMENT

(As required by A.R.S. §49-480 and Maricopa County Air Pollution Control Regulations, Rule 200)

READ INSTRUCTIONS FIRST. ALL APPLICANTS MUST COMPLETE ITEMS 1 THROUGH 15 AND THE TECHNICAL SECTION.

1. BUSINESS NAME: _____	DO NOT WRITE IN THIS SPACE
2. SITE ADDRESS: _____	
CITY: _____ STATE: AZ ZIP: _____	
3. CONTACT AT SITE	3a. TELEPHONE AT SITE ()
4. TYPE OF OWNERSHIP	<input type="checkbox"/> Corporation <input type="checkbox"/> Sole Owner <input type="checkbox"/> Partnership <input type="checkbox"/> Government <input type="checkbox"/> Other - Specify: _____
5. NAME AND MAILING ADDRESS OF OWNER: _____	
6. OWNER CONTACT NAME: _____	
6a. OWNER TELEPHONE: ()	
7. SEND ALL CORRESPONDENCE TO: COMPANY NAME: _____	
ADDRESS: _____	
CITY: _____ STATE: _____ ZIP CODE: _____	
NOTE: PERMIT WILL BE SENT TO EMAIL ADDRESS PROVIDED IN ITEM 13 BELOW.	
8. SIC (STANDARD INDUSTRIAL CLASSIFICATION) CODE(S): _____	9. EXISTING AIR POLLUTION CONTROL PERMIT NUMBER FOR THIS SITE, IF ANY: _____
10. PLEASE PROVIDE A BRIEF DESCRIPTION OF THE BUSINESS AND/OR THE PROCESS AT THE FACILITY: _____	
11. OPERATING SCHEDULE	
HOURS PER DAY: _____	DAYS PER WEEK: _____
12. PROJECTED DATE OF COMPLETION (IF NEW EQUIPMENT): _____	
13. THE AUTHORIZED CONTACT PERSON REGARDING THIS APPLICATION IS:	
NAME: _____	TELEPHONE: ()
TITLE: _____	COMPANY: _____
EMAIL ADDRESS: _____	
14. I CERTIFY THAT I AM FAMILIAR WITH THE OPERATIONS AND EQUIPMENT REPRESENTED ON THIS APPLICATION AND THE STATEMENTS AND INFORMATION PROVIDED HEREIN ARE TRUE, ACCURATE, AND COMPLETE BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY.	
TYPE OR PRINT NAME AND TITLE OF RESPONSIBLE OFFICIAL: _____	
DATE: _____	SIGNATURE OF OWNER OR RESPONSIBLE OFFICIAL: _____

**APPLICATION FOR THE AUTHORITY TO OPERATE AND/OR
CONSTRUCT FUEL BURNING EQUIPMENT
TECHNICAL SECTION**

15. SITE DIAGRAM: Draw a site layout or attach a drawing of equipment locations at the site with approximate distances to property lines. Specifically show the location of the fuel burning equipment and emergency generator(s).



**APPLICATION FOR THE AUTHORITY TO OPERATE AND/OR
CONSTRUCT FUEL BURNING EQUIPMENT
TECHNICAL SECTION**

To qualify for coverage under the General Permit, each piece of external fuel burning equipment must have a rating of less than 10 Million BTU/Hr. Do not include fuel burning equipment less than or equal to 300,000 BTU/hr. Furthermore, the combined total for all external fuel burning equipment must be less than 55 million BTU/hr. The only fuels to be used are natural gas, propane and butane. Turbines are not eligible. Internal combustion engines used to power process equipment or for prime power are not eligible. However, internal combustion engines that serve **only** as emergency standby generators and total horsepower of all engines on site is less than or equal to 250 horsepower are eligible for coverage under this General Permit.

Completely describe each piece of fuel burning equipment:

EQUIPMENT DESCRIPTION (make, model, equipment type)	INSTALLED OR PROPOSED? <i>Specify installation date and model year or date of manufacture</i>	GROSS HEAT INPUT RATING OR HP (EACH) (BTU/hr or hp)
<i>Ex: Cleaver-Brooks boiler FLX-300</i>	<i>Installed 1998</i>	<i>3,000,000 BTU/hr</i>
TOTAL GROSS INPUT HEAT RATING FOR EXTERNAL FUEL BURNING EQUIPMENT (EXCLUDE ENGINES) <i>(Must be less than 55,000,000 BTU/hr)</i>		

GUIDE TO FILLING OUT THE TABLE:

EQUIPMENT DESCRIPTION: Make, model, and type of equipment (for example: boiler, heater, engine, etc.)

GROSS HEAT INPUT RATING OR HP: This is the heat input rating for an external combustion unit in BTU/hr or the engine size in horsepower (hp) for an engine. This information is usually found on a plate located on the side of the unit. Maintenance personnel may be able to assist with locating this information.

**APPLICATION FOR THE AUTHORITY TO OPERATE AND/OR
CONSTRUCT FUEL BURNING EQUIPMENT
TECHNICAL SECTION**

1. Are external fuel burning and/or emergency generator(s) driven by internal combustion engines the only activities at the site requiring an air quality permit?

Yes No

2. If this is a renewal application, are you currently in compliance with your existing General Permit for Fuel Burning Operations?

Yes No

NOTE: If there are no external fuel burning activities on site, skip to Question 7.

3. Will all external fuel burning equipment use only natural gas, propane or butane for fuel?

Yes No

4. Is the Gross Heat Input Rating for external fuel burning equipment (sum of the last column in Table) less than 55,000,000 BTU/hr?

Yes No

5. Is the maximum Gross Heat Input Rating of each single external fuel burning unit less than 10,000,000 BTU/hr?

Yes No

6. Is exhaust stack opacity less than 20% for external fuel burning activities?

Yes No

NOTE: If there are no emergency generator(s) driven by internal combustion engines on site, skip to Question 18.

7. Is the total horsepower of all emergency generator engine(s) less than or equal to 250? (Count only engines greater than 50 horsepower.)

Yes No

8. Will the generator(s) only be used for emergency purposes as defined in Section 2 of this General Permit?

Yes No

9. Is the sulfur content of diesel fuel burned in the engine(s) less than 500 parts per million (ppm) and is documentation available to confirm this? (NOTE: The sulfur limit will drop to 15 ppm on October 1, 2010.)

Yes No

**APPLICATION FOR THE AUTHORITY TO OPERATE AND/OR
CONSTRUCT FUEL BURNING EQUIPMENT
TECHNICAL SECTION**

10. Are engine(s) equipped with non-resettable hour meters?

Yes No

11. Tables 1-5 of Section 6 of this General Permit describe compression ignition (usually diesel-fired) engines of various applications, sizes and manufacture dates and when an engine was modified or reconstructed. Is your emergency generator engine in compliance with the applicable emission standard from the tables?

Yes No

12. Tables 6-7 of Section 7 of this General Permit describe spark ignition (usually gas- or gasoline-fired) engines of various sizes and manufacture dates and when an engine was modified or reconstructed. Is your emergency generator engine in compliance with the applicable emission standard from the tables?

Yes No

13. Is the exhaust stack opacity less than 20% for all engines except for those activities listed in Tables 2 and 3 of Section 6 of this General Permit?

Yes No

14. Do you maintain records that document the purpose of engine use and the duration of operation each time the engine runs?

Yes No

15. Do you have documentation of the engine manufacturer's data indicating compliance with Tables 1-5 or Tables 6-7 of this General Permit, as applicable?

Yes No

16. Do you maintain a copy onsite of the engine manufacturer's written engine operating instructions or operating procedures developed by the Permittee that are approved by the manufacturer?

Yes No

17. Do you have records of engine maintenance conducted to demonstrate compliance?

Yes No

NOTE: If you answered "No" to any of Questions 1-17, you do not qualify for this General Permit.

**APPLICATION FOR THE AUTHORITY TO OPERATE AND/OR
CONSTRUCT FUEL BURNING EQUIPMENT
TECHNICAL SECTION**

18. Is there a new or existing dust-generating operation¹ with a disturbed area equal to or greater than 0.10 acres?

¹Dust generating operation: Any activity capable of generating fugitive dust including, but not limited to, land clearing, earthmoving, weed abatement by discing or blading, excavating, construction, demolition, bulk material handling, storage and/or transporting operations, vehicle use and movement, the operation of any outdoor equipment, or unpaved parking lots.

Yes No

NOTE: If you answered "Yes" to Question 18, you must submit a dust control plan with this application.