



Maricopa County

Air Quality Department

Permit Engineering Division
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Public Notice February 1, 2012

Maricopa County Air Quality Department (Department hereafter) located at 1001 North Central Avenue, Suite 400, Phoenix, Arizona, is proposing to revise the General Permit for Stationary Emergency Compression Ignition (CI) Internal Combustion Engines (ICE). Copies of the proposed General Permit may be reviewed between 8:00 AM and 4:30 PM during normal business days at 1001 North Central Avenue, Suite 400, Phoenix, Arizona. The proposed permit is also available over the internet at http://www.maricopa.gov/qa/divisions/permit_engineering/general/Default.aspx.

Currently, Stationary Emergency CI ICE that meet all of the following criteria are eligible for a General Permit:

- The maximum aggregate power rating of all stationary CI ICE on the site is 2,500 horsepower or less.
- Each ICE has a displacement of less than 10 liters per cylinder.
- All ICE are used only for emergency or standby purposes (i.e., backup generators).
- No ICE at the facility is ever used for peak shaving purposes.
- All stationary ICE are fueled by either diesel or biodiesel. (SEE PROPOSED CHANGE)
- If boilers and/or water heaters (fuel burning equipment) with a heat rating greater than 300,000 BTU/hr are located at the facility:
 - The maximum combined heat input rating of all boilers and water heaters with a rating greater than 300,000 BTU/hr is less than 10 million BTU/hr, and
 - The boilers and water heaters are fueled only by natural gas, butane or propane.
- No other equipment or operations requiring an air quality permit besides CI ICE and fuel burning equipment are used at the facility. (SEE PROPOSED CHANGE)

Changes that are being proposed for the Stationary Emergency ICE General Permit are as follows:

- Previously, only stationary ICE fueled by diesel or biodiesel qualified (i.e., compression ignition) for the General Permit. Engines fueled by natural gas, propane or gasoline (i.e., spark ignition) also may now be eligible for the General Permit.
- Requirements for odor control facilities have been added to the permit. Therefore, operations that include sewage lift stations or similar facilities may be eligible for the General Permit.

In accordance with Section 49-426 and Section 49-480 of the Arizona Revised Statutes (A.R.S.), any person may submit to the Department at 1001 North Central Avenue, Suite 400, Phoenix, Arizona 85004, written comments and/or a written request for a public hearing on the proposed General Permit no later than 30 days after the first publication date of this notice. Any written comments shall state the name and mailing address of the person, shall be signed by the person, his agent, or his attorney and shall clearly set forth reasons why the permit should or should not be issued. Grounds for comment are limited to whether the proposed permit meets the criteria for issuance as prescribed in A.R.S. Section 49-426, Section 49-480 or Section 49-481. The Control Officer will make the General Permit available upon completion of the public notice period. Sources may obtain coverage under this General Permit by filing a complete application for an Authority to Operate and/or Construct Stationary Emergency Compression Ignition Internal Combustion Engines. This application is available from Maricopa County Air Quality Department, 1001 North Central Avenue, Suite 400, Phoenix, Arizona 85004.