

**PIMA COUNTY DEPARTMENT OF ENVIRONMENTAL QUALITY
Air Program**

33 N. Stone Avenue, Suite 700 • Tucson, AZ 85701 • Phone: (520) 243-7400

**GENERAL AIR QUALITY
OPERATING PERMIT
for
NSPS Generators/ Engines**

This air quality operating permit does not relieve applicant of responsibility for meeting all air pollution regulations

THIS GENERAL PERMIT ISSUED SUBJECT TO THE SPECIFIC AND ADMINISTRATIVE
CONDITIONS IDENTIFIED IN THIS PERMIT.

PDEQ GENERAL PERMIT NUMBER **301**, PERMIT CLASS **II**

ISSUED: **March 25, 2008**

AMENDED: **March 15, 2010**

EXPIRES: **March 24, 2013**



SIGNATURE

Mukonde Chama, Air Permits Supervisor, PDEQ

TITLE

SPECIFIC CONDITIONS

I. APPLICABILITY

This General Permit applies to generators/ engines subject to New Source Performance Standards (NSPS) authorized under Title 17 of the Pima County Code. Owners/ operators of new (NSPS), and existing (Non-NSPS) generators/ engines may obtain this general permit in lieu of an individual permit. Such owners shall acquire an *Authorization to Operate* (ATO) covering all generators/ engines at the facility. The ATO will attest to the owner's formal agreement to abide by all conditions contained herein. This permit may cover portable units but not units located at sources otherwise required to obtain an individual permit.

II. OPERATIONAL LIMITATION

[PCC 17.12.185.A.2]

- A. The Permittee shall not operate the generator(s) for more than the number of hours per year allowed in the ATO associated with this General Permit on a rolling twelve (12) month total basis.
- B. For each generator identified as having an operational limitation in the ATO associated with this General Permit, the Permittee shall record the monthly operating hours and recalculate a rolling twelve (12) month total within 10 calendar days of the end of the month. All records shall be maintained for five years. [PCC 17.12.185.A.3 & 4]

III. OPACITY STANDARD

[PCC 17.12.185.A]

- A. The Permittee shall not cause or permit the effluent from a single emission point or multiple emission point to have an average optical density equal to or greater than 20 percent. Cold diesel engines are exempt for the first 10 minutes. [PCC 17.16.040]
- B. The Permittee shall not cause, allow, or permit to be emitted into the atmosphere from any **non-NSPS** stationary rotating machinery, smoke for any period greater than ten consecutive seconds which exceeds 40 percent opacity. Visible emissions when starting cold equipment shall be exempt from this requirement for the first ten minutes. [PCC 17.16.340.E]
- C. The Permittee shall not cause or permit the effluent from a single emission point, multiple emission point, or a fugitive emissions source to have an average optical density equal to or greater than 60 percent when a cold diesel engine is started or when a diesel engine is accelerated under load as measured in accordance with EPA Method 9. [PCC 17.16.040]
- D. The Permittee shall conduct a visible emissions check on the exhaust stack of each generator at least quarterly while the generator is operating. For the purposes of this permit, a visible emission check is verification that abnormal emissions are not present at the generator stack. The Permittee shall record the date and time of the check, the name of the person conducting the check, the results of the check, and the type of corrective action taken (if required). All records shall be maintained for five years.
- E. When requested by the Control Officer, the Permittee shall perform EPA Method 9 visible emissions observations on the generator(s) to demonstrate compliance with the opacity standard.

IV. FUEL LIMITATION

[PCC 17.12.185.A]

- A. The Permittee shall burn only the specified fuel(s) allowed for each generator in the ATO associated with this General Permit. The Permittee shall only fire fuel with sulfur content less than 0.90% by weight. [PCC 17.12.190.B][**Material Permit Condition**]
- B. In order to demonstrate compliance with the fuel limitation required in IV.A of the Specific Conditions, the Permittee shall maintain records of fuel supplier specifications which verify the sulfur content of the fuel, piped and/or as delivered. All records shall be maintained for five years.

ADDITIONAL PERMIT REQUIREMENTS

I. COMPLIANCE WITH PERMIT CONDITIONS

[PCC 17.12.185.A.7.a & b]

- A. The Permittee shall comply with all conditions of this permit including all applicable requirements of the Arizona air quality statutes and the air quality rules. Any permit noncompliance constitutes a violation of the Arizona Revised Statutes and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application. In addition, noncompliance with any federally enforceable requirement constitutes a violation of the Clean Air Act.
- B. The Permittee shall report to the Control Officer any emissions in excess of the limits established by this permit. The report shall be in 2 parts as specified below: [PCC 17.12.185.A.5 & PCC 17.12.040]
1. Notification by telephone or facsimile within 24 hours of the time the Permittee first learned of the occurrence of excess emission that includes all available information pursuant to PCC 17.12.040.B. To report excess emissions call **520-243-7400** or fax to **520-243-7370**
 2. Detailed written notification by submission of an excess emissions report within 72 hours of the notification in I.B.1 above. **Send to PDEQ 33 N. Stone Avenue, Ste. 700, Tucson, AZ 85701.**
- C. It shall not be a defense for a 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.
- D. The permit does not convey any property rights of any sort, or any exclusive privilege to the permit holder.
- E. The Permittee shall pay fees to the Control Officer pursuant to PCC 17.12.400. [PCC 17.12.185.A8 & PCC 17.12.400]

II. PERMIT REVISION, REOPENING, REVOCATION AND REISSUANCE, OR TERMINATION FOR CAUSE

[PCC 17.12.185.A.7.c]

The permit may be revised, reopened, revoked and reissued, or terminated for cause pursuant to PCC 17.12.270. The filing of a request by the Permittee for a permit revision, revocation and reissuance, or termination; or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

III. DUTY TO PROVIDE INFORMATION

[PCC 17.12.165.G & PCC 17.12.185.A.7.e]

- A. The Permittee shall furnish to the Control Officer, within a reasonable time, any information that the Control Officer may request in writing to determine whether cause exists for revising, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the Permittee shall also furnish to the Control Officer copies of records required to be kept by the permit. For information claimed to be confidential, the Permittee shall furnish a copy of such records to the Control Officer along with a claim of confidentiality.
- B. If the Permittee has failed to submit any relevant facts or if the Permittee has submitted incorrect information in the permit application, the Permittee shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information.

IV. SEVERABILITY CLAUSE

[PCC 17.12.185.A.6]

The provisions of this permit are severable. If any provision of this permit is held invalid, the remainder of this permit shall not be affected thereby.

ATTACHMENT 1
APPLICABLE REGULATIONS

REQUIREMENTS SPECIFICALLY IDENTIFIED AS APPLICABLE

Code of Federal Regulations (CFR), Title 40, Chapter I:

Part 60 Subpart III New Source Performance Standards for Stationary Compression Ignition Internal Combustion Engines

Pima County Code (PCC) Title 17, Chapters:

- 17.16.010 Local Rules and Standards; Applicability of more than one Standard
- 17.16.040 Standards and Applicability (Includes NESHAP)
- 17.16.050 Visibility Limiting Standard
- 17.16.340 Standards of Performance for Stationary Rotating Machinery

