

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

150 West Congress Street ▪ Tucson, AZ 85701 ▪ Phone: (520) 740-3340

**AIR QUALITY
OPERATING PERMIT**

for

**University Medical Center Corporation:
UMC-Arizona Cancer Center Clinic**

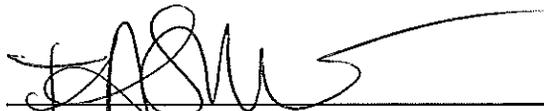
This air quality operating permit does not relieve applicant of responsibility for meeting all air pollution regulations

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

PDEQ PERMIT NUMBER 1130 PERMIT CLASS III

PERMIT ISSUED NOVEMBER 6, 2007

EXPIRATION DATE NOVEMBER 5, 2012


SIGNATURE

Teresa Sobolewski, Air Program Manager, PDEQ
TITLE

SPECIFIC CONDITIONS

I. APPLICABILITY

The facility covered under this permit is a Class III true minor source operating a generator and two commercial/institutional boilers. The equipment operated at the source is subject to regulations of the Pima County Code, Title 17.

II. OPACITY STANDARD

[PCC 17.12.185.A.2]

A. Conditions for Generator

1. The Permittee shall not cause, allow, or permit smoke to be emitted into the atmosphere from the generator for any period greater than ten consecutive seconds that 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]
2. The Permittee shall not cause or permit the effluent from the generator to have an average optical density equal to or greater than 60 percent when the cold diesel engine is started or when a diesel engine is accelerated under load as measured in accordance with EPA Reference Method 9, Appendix A in 40 CFR 60. [PCC 17.16.040]
3. The Permittee shall conduct a visible emissions check on the exhaust stack of the generator at least quarterly while the generator is operating. For the purposes of this permit, a visible emissions 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.
4. When required by the Control Officer, the Permittee shall perform visible emissions observations in accordance with EPA Reference Method 9, Appendix A in 40 CFR 60, on the generators to demonstrate compliance with the opacity standard. [PCC 17.16.040 & PCC 17.20.010]

B. Conditions for Boilers

1. The Permittee shall not cause, allow or permit the effluent from any boiler to have an average optical density equal to or greater than 20 percent opacity. [PCC 17.16.040]
2. The Permittee shall conduct a visible emissions check on the exhaust stack of each boiler at least quarterly while the boiler is operating. For the purposes of this permit, a visible emissions check is verification that abnormal emissions are not present at the boiler 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.
3. When required by the Control Officer, the Permittee shall perform visible emissions observations in accordance with EPA Method 9, Appendix A in 40 CFR 60, on the boiler to demonstrate compliance with the opacity standard. [PCC 17.16.040 & PCC 17.20.010]

III. FUEL LIMITATION

[PCC 17.12.185.A.2]

A. Conditions for Generator

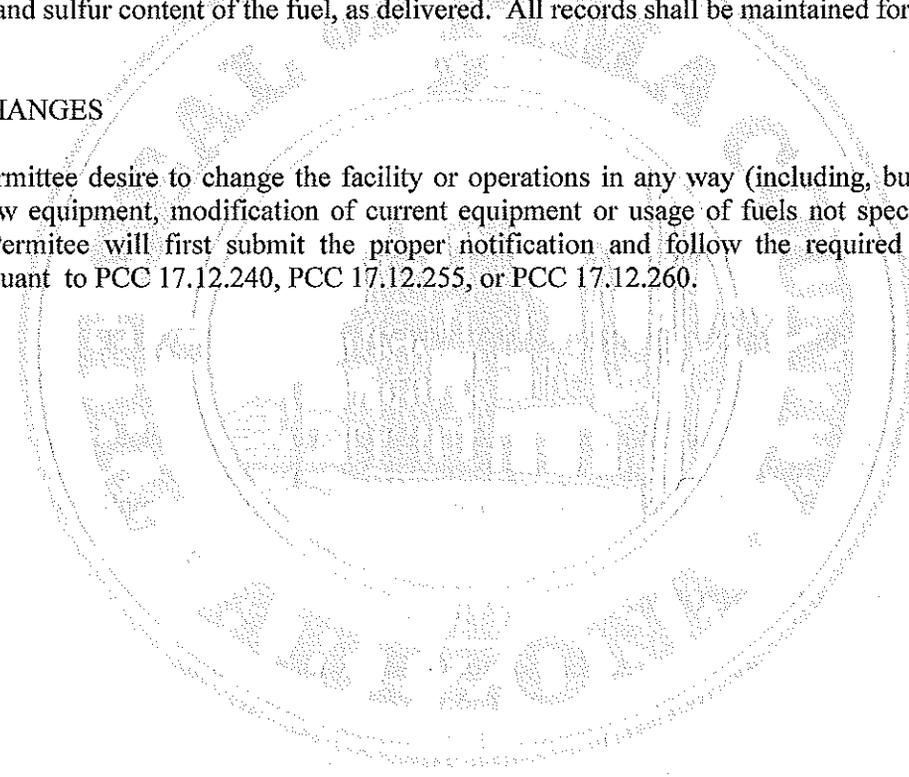
1. The Permittee shall burn only the specified fuel allowed for the generator in Attachment 2 of this Permit.
2. In order to demonstrate compliance with the fuel limitation required in III.A.1 of the Specific Conditions, the Permittee shall maintain records of fuel supplier specifications which verify the fuel and sulfur content of the fuel, as delivered. All records shall be maintained for five years.

B. Conditions for Boilers

1. The Permittee shall burn only the specified fuel allowed for the boilers in Attachment 2 of this Permit.
2. In order to demonstrate compliance with the fuel limitation required in III.B.1 of the Specific Conditions, the Permittee shall maintain records of fuel supplier specifications which verify the fuel and sulfur content of the fuel, as delivered. All records shall be maintained for five years.

V. FACILITY CHANGES

Should the Permittee desire to change the facility or operations in any way (including, but not limited to, addition of new equipment, modification of current equipment or usage of fuels not specified within this Permit,) the Permittee will first submit the proper notification and follow the required permit revision procedure pursuant to PCC 17.12.240, PCC 17.12.255, or PCC 17.12.260.



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 **520-740-3340** or fax to **520-882-7709**.
 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 150 W. Congress St., Tucson, Arizona 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 17.12.510. [PCC 17.12.185.A.9 & PCC 17.12.510]

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]

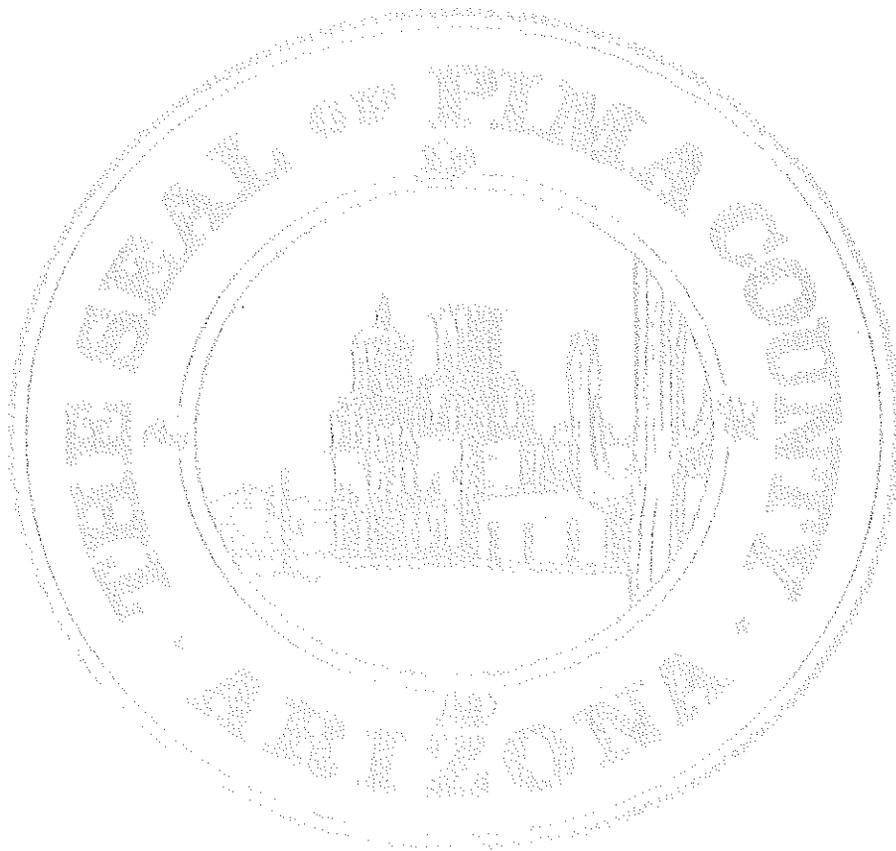
The provisions of this permit are severable. If any provision of this permit is held invalid, the remainder of this permit shall not be affected thereby.

ATTACHMENT 1
APPLICABLE REGULATIONS

REQUIREMENTS SPECIFICALLY IDENTIFIED AS APPLICABLE

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
- 17.16.165 Standards of Performance for Fossil-Fuel Fired Industrial and Commercial Equipment
- 17.16.340 Standards of Performance for Stationary Rotating Machinery



**ATTACHMENT 2
EQUIPMENT LIST**

PERMITTED EQUIPMENT:

Equipment Type	Manufacturer	Model	Serial Number/ ID number	Capacity	Allowable Fuel(s)
Generator	Cummins	DFEK-5747118	A060877483	750 hp	Diesel
Boiler	Lochinvar	CHN2071	B06H00183608	2.07 MMBtu	Natural Gas
Boiler	Lochinvar	CHN2071	B06H00183609	2.07 MMBtu	Natural Gas

