

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

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

**AIR QUALITY
OPERATING PERMIT
for
Pima County Facilities Management
Department
Mission Road Complex**

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 642

PERMIT CLASS III

PERMIT ISSUED December 7, 2007

EXPIRATION DATE December 6, 2012


SIGNATURE

Teresa Sobolewski, Air Program Manager, PDEQ
TITLE

SPECIFIC CONDITIONS

I. APPLICABILITY

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

II. OPERATIONAL LIMITATION FOR GENERATORS

[PCC 17.12.190.B]

- A. The Permittee shall not operate the generators for more than the number of hours per year allowed for each generator in Attachment 2 of this permit. The total hours per year of operation shall be calculated as a rolling twelve (12) month total.
- B. For each generator identified as having an operational limitation in Attachment 2 of this permit, the Permittee shall record the monthly operating hours at the close of each month and recalculate a rolling twelve (12) month total. Recording and recalculation of operating hours shall be completed within 5 business days of the close of each month. All records shall be maintained for five years.

III. OPACITY STANDARD

[PCC 17.12.185.A.2]

A. Conditions for Generators

1. The Permittee shall not cause, allow, or permit smoke to be emitted into the atmosphere from any 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 any generator 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 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 each 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 the boilers 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]

IV. FUEL LIMITATION

[PCC 17.12.185.A.2]

A. Conditions for Generators

1. The Permittee shall burn only the specified fuels allowed for each generator in Attachment 2 of this Permit.
2. In order to demonstrate compliance with the fuel limitation required in IV.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 IV.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]

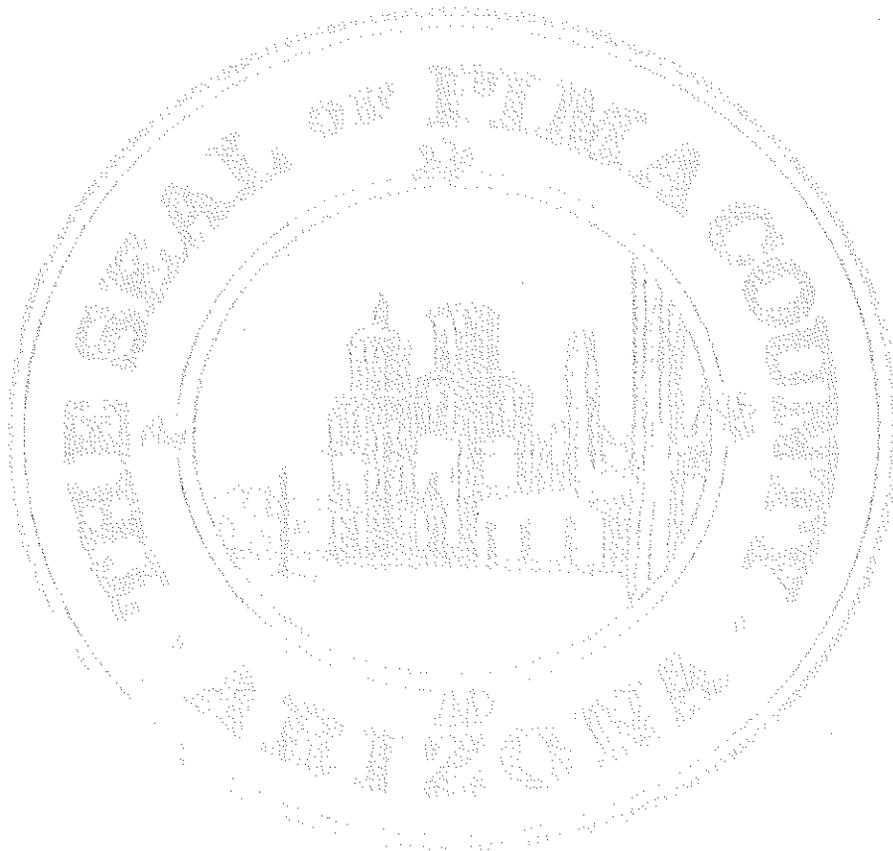
The provisions of this permit are severable. If any provision of this permit is held invalid, the remainder of this permit shall not be affected thereby.

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 WITH LIMITATIONS

PERMITTED EQUIPMENT:

Equipment Type	Manufacturer	Model	Serial Number/ ID number	Capacity	Allowable Hours of Operation	Allowable Fuel(s)
Generator	Detroit Diesel	800DS4	MJEEMGEN	1087 hp	2965	Diesel
Generator	Caterpillar	3412	81201256	671 hp	2965	Diesel
Generator	Cummins	A203690001	9149	403 hp	2965	Diesel
Generator	Cummins	GGHE-5711298	D050775475	100 hp	2965	Natural Gas
Boiler	Rite	200W	28778	2.0 MMBtu	N/A	Natural Gas
Boiler	Rite	200W	28779	2.0 MMBtu	N/A	Natural Gas
Boiler	Raypack	E1631TB	285100997	1.63 MMBtu	N/A	Natural Gas
Boiler	Lockinvar	CBN-1255	MJPHB02	1.255 MMBtu	N/A	Natural Gas
Boiler	Lockinvar	CBN-1255	MJERHBLR	1.255 MMBtu	N/A	Natural Gas
Boiler	Laars	pw-1010- 1n09kias-jx	CO2K09589	1.01 MMBtu	N/A	Natural Gas

ATTACHMENT 2
EQUIPMENT LIST WITH LIMITATIONS
(Continued)

PERMITTED EQUIPMENT (Continued):

Equipment Type	Manufacturer	Model	Serial Number/ ID number	Capacity	Allowable Hours of Operation	Allowable Fuel(s)
Boiler	Laars	pw-1010- 1n09kias-jx	CO2K09590	1.01 MMBtu	N/A	Natural Gas
Boilers	Raypack	5624NT	235100596	.627 MMBtu	N/A	Natural Gas

OTHER EQUIPMENT WITHOUT SPECIFIC PERMIT CONDITIONS:

Equipment Type (Location)	Manufacturer	Model	Serial Number/ ID number	Capacity	Allowable Hours of Operation	Allowable Fuel(s)
Boiler	Trane	YCH061C4LOBE	L07193516D	.09 MMBtu	N/A	Natural Gas
Clothes Dryer	Unimac	VT170NRMFGKW01	405010743	.395 MMBTU	N/A	Natural Gas
Clothes Dryer	Unimac	VT170NRMFGKW01	405010551	.395 MMBTU	N/A	Natural Gas
Clothes Dryer	Unimac	VT170NRMFGKW01	405010742	.395 MMBTU	N/A	Natural Gas
Clothes Dryer	Unimac	VT170NRMFGKW01	405010552	.395 MMBTU	N/A	Natural Gas

ATTACHMENT 2
EQUIPMENT LIST WITH LIMITATIONS
(Continued)

OTHER EQUIPMENT WITHOUT SPECIFIC PERMIT CONDITIONS (Continued):

Equipment Type (Location)	Manufacturer	Model	Serial Number/ ID number	Capacity	Allowable Hours of Operation	Allowable Fuel(s)
Gas Pumps	N/A	N/A	N/A	N/A	N/A	N/A
Ares H/C Roof Units	N/A	N/A	N/A	N/A	N/A	N/A

