

**PIMA COUNTY DEPARTMENT OF ENVIRONMENTAL QUALITY**

**AIR PROGRAM**

**33 N. Stone Avenue, Suite 700 • Tucson, AZ 85701 • Phone (520) 724-7400**

**AIR QUALITY PERMIT**

(As require by Title 17.11, Article II, Pima County Code)

**DAVIS-MONTHAN AFB  
SIC CODE, MAJOR GROUP '97'  
NATIONAL SECURITY  
3775 S. 5<sup>TH</sup> ST.  
TUCSON, AZ 85707**

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

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

PERMIT NUMBER **3006**

PERMIT CLASS **II**

ISSUED: **XXXX**

EXPIRES: **XXXX**

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SIGNATURE

***Scott DiBiase, Director, PDEO***  
TITLE

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## PERMIT SUMMARY

### Location Information

This air permit is issued to an existing source operated by Davis-Monthan Air Force Base (DMAFB), the Permittee. The administrative offices are located at 3755 S. 5<sup>th</sup> Street, Tucson, AZ. The source is located on parcels identified by Pima County Assessor's Parcel #'s: 132-01-001A, 132-02-010, 132-03-010, 132-24-008E, 132-26-010, 132-27-010, 136-27-(010-030), 140-01-(10-20, 1090, & 1100), 141-02-(040-070).

### Source Description

All pollutant-emitting activities (operations) at DMAFB fall under the following functionally distinct primary Standard Industrial Classification 'SIC' Code groupings which are covered under the following distinct Class II air permits:

- Permit # 3000: DMAFB, Major Group – 42 – Special Warehousing and Storage
- Permit # 3001: DMAFB, Major Group – 45 – Transportation by Air
- Permit # 3002: DMAFB, Major Group – 49 – Electric, Gas, and Sanitary Services
- Permit # 3004: DMAFB, Major Group – 65 – Real Estate
- Permit # 3005: DMAFB, Major Group – 80 – Health Services
- Permit # 3006: DMAFB, Major Group – 97 – National Security and International Affairs

The activities and operations covered by this permit are air emission sources at Davis Monthan AFB resulting from national security and related operations which fall under the following industrial classification:

- SIC Code: Major Group '97' – National Security (NAICS 928120)

Covered activities and operations includes but is not limited to munitions and security related fuel storage and dispensing and solvent degreasing/cleaning operations.

Note: Restricted Visibility Training for helicopter pilots is an occasional operation at DMAFB that falls under this SIC Code Major Group. DMAFB has affirmed in the application that the base will minimize dust emissions from leaving base property lines when conducting Restricted Visibility Training exercises.

### Air Permit Information

This is the first renewal of the existing 5-year air quality permit. This permit incorporates voluntarily proposed emission limitations to keep HAP(s) below major source thresholds.

The following table summarizes the potential to emit of the source with limitations. These emission values are taken from the information contained in the renewal application and from standard emission factors in AP-42 Chapters 4 & 5. The emission values are for information purposes only and are not intended to be enforceable limits.

Controlled Permit-Wide Potential Emissions of Pollutants <sup>1</sup> (tons/yr)										
Conventional or Criteria Air Pollutant								NSPS	HAPs	
PM <sub>2.5</sub>	PM <sub>10</sub>	PM	NO <sub>x</sub>	VOC	CO	SO <sub>2</sub>	Lead	N/A	Total	Single
0.00	0.00	0.00	0.00	3.32	0.00	0.00	Negligible	-	< 1.5	< 0.09

<sup>1</sup> PTE is calculated on voluntary limitations on fuel throughput for storage and dispensing facilities and estimated annual evaporation losses from solvent degreasing units.

## **SPECIFIC CONDITIONS**

[References are to Title 17 of the Pima County Code [PCC] unless otherwise noted]

### ***SECTION 1: GENERAL APPLICABILITY***

#### ***1. Statutory Authority***

Emissions from this permit, specifically the emissions from the equipment described in Attachment 2 of this permit, fall under primary SIC Code, Major Grouping ‘97’, and are subject to enforceable limitations as provided in the Specific Conditions contained in this permit. This air permit is issued pursuant to (ARS) §49-480 and authorizes the construction and operation of the equipment enumerated in the “Equipment List” in Attachment 2. This authorization is based on the regulations in effect on the date of issuance of this permit, and a finding that the allowable emissions from this permit, and all other installations that fall under functionally distinct primary SIC code groupings, more fully described in the applications for permits under SIC Codes, Major Groups, 42, 45, 49, 65, 80, and 97, do not constitute a "major source" within the meaning of PCC 17.04.340.A.128. Notwithstanding the above findings, the issuance of this air quality permit shall not relieve the Permittee from compliance with all local, county, state and federal laws, statutes, and codes.

[PCC 17.11.010.B & D, PCC 17.13.010 and ARS §49-480]

#### ***2. Permit Classification***

Class II; Synthetic Minor Source; Stationary: The permitted facility sources constitute a stationary synthetic minor source of HAP based on voluntary limitations and operating restrictions contained in this permit and when considering emissions from sources aggregated under the same primary SIC Code grouping (Major Group 97 – National Security).

#### ***3. Permitted Facility Sources***

The Specific Conditions contained in this permit apply to the equipment listed in Attachment 2 and the following source categories, affected facilities, equipment, emission sources, installations, activities and operations at the facility. Section 6 of this permit contains Conditions relating to the specific applicability to the permitted facility sources.

- a. Fuel loading storage and dispensing facilities
- b. Solvent degreasing/cleaning operations
- c. Miscellaneous Chemical/Materials Use

#### ***4. Permit Sections***

The Specific Conditions have been organized into the following permit sections:

Section 1 – General Applicability (This Section)  
Section 2 – Permit-Wide Operations  
Section 3 – Fuel Storage and Dispensing Facilities  
Section 4 – Solvent Degreasing/Cleaning Operations  
Section 5 – Specific Applicability

#### ***5. Applicability of more than one standard***

If more than one emission limit or emission standard in this permit is applicable to the same source, the more stringent standard or emission limit shall apply.

[PCC 17.16.010.B]

**[Locally Enforceable Condition]**

## SECTION 2: PERMIT-WIDE OPERATIONS

In accordance with Condition 36.a, the provisions in this Section apply to permit-wide operations and all sources of air contaminants. All provisions in this Section are locally enforceable unless otherwise noted.

[PCC 17.16.010.B]

### Emission Limitations and Standards

[PCC 17.13.020.A.2]

#### 6. *Voluntary Emission Limitations*

[PCC 17.11.190.B &amp; PCC 17.11.120.A.3.a]

The Permittee shall comply with the operating limitations in Section 3 of this permit and the following voluntary emission limitations to avoid federal or other applicable requirements:

#### [Federally Enforceable and Material Permit Conditions]

- a. The Permittee shall not allow the emission rate of combined Hazardous Air Pollutants (HAPs) from sources and operations covered under this permit to exceed 1.5 tons per year as measured on a 12-month rolling total basis.
- b. The Permittee shall not allow the base-wide emission rate of combined Hazardous Air Pollutants (HAPs) to exceed 22.5 tons per year as measured on a 12-month rolling total basis.
- c. The Permittee shall not allow the base-wide emission rate of any single Hazardous Air Pollutant (HAP) to exceed 9 tons per year as measured on a 12-month rolling total basis.

#### 7. *General Control Standards*

- a. The Permittee shall not cause or permit the planning, construction, installation, erection, modification, use or operation of an emission source which will cause or contribute to a violation of a performance standard in Title 17 of the Pima County Code.

[PCC 17.11.020 &amp; PCC 17.16.020.A]

- b. The Permittee is prohibited from firing high sulfur oil in any stationary or portable source without submitting a revision, as provided in Condition 25, demonstrating to the satisfaction of the Control Officer, both that sufficient quantities of low sulfur oil are not available for use by the Permittee, and that the Permittee has adequate facilities and contingency plans to ensure that the sulfur dioxide ambient air quality standards will not be violated. For purposes of this paragraph “high sulfur oil” means oil containing 0.90 percent or more by weight of sulfur. Notwithstanding the prohibition to use high sulfur oil, the Specific Conditions contained in this permit may prescribe lower fuel sulfur content limits for specific stationary or portable sources.

[PCC Chapter 17.16 §§ 010, 140, 165.G, 340.H]

#### [Material Permit Condition]

- c. Where a stack, vent or other outlet is at such a level that fumes, gas mist, odor, smoke, vapor or any combination thereof constituting air pollution are discharged to adjoining property, the Control Officer may require the installation of abatement equipment or the alteration of such stack, vent or other outlet by the owner or operator thereof to a degree that will adequately reduce or eliminate the discharge of air pollution to adjoining property.

[PCC 17.16.020.B]

#### 8. *Materials Handling Standards*

- a. The Permittee shall not transport or store VOC's without taking necessary and feasible measures to control evaporation, leakage, or other discharge into the atmosphere.
- b. Petroleum liquid storage tanks shall be equipped with a submerged filling device or acceptable equivalent for the control of hydrocarbon emissions.
- c. All pumps and compressors which handle volatile organic compounds shall be equipped with mechanical seals or other equipment of equal efficiency to prevent the release of organic contaminants into the atmosphere.
- d. Materials including solvents or other volatile compounds, paints, acids, alkalis, pesticides, fertilizers and manure shall be processed, stored, used and transported in such a manner and by such means that they will not evaporate, leak, escape or be otherwise discharged into the ambient air so as to cause or contribute to air pollution. Where means are available to reduce effectively the contribution to air pollution from evaporation, leakage or discharge, the installation and use of such control methods, devices, or equipment shall be mandatory.

[PCC 17.16.400.A]

[PCC 17.16.230.C]

[PCC 17.16.230.D]

[PCC 17.16.430.F]

### 9. *Odor Limiting Standard*

The Permittee shall not emit gaseous or odorous materials from equipment, operations, or premises under his control in such quantities or concentrations as to cause air pollution. Emissions from malodorous matter shall not cross a property line without minimizing the emissions by applying modern practices. Malodorous matter shall include but not be limited to solvents, paints, acids, alkalis, pesticides, fertilizer and manure.

[PCC 17.16.430.F & PCC 17.16.030]

### 10. *Opacity Limit*

[PCC 17.16.040, PCC 17.16.050.B, & PCC 17.16.130.B.1]

Except as otherwise specified in the Specific Conditions of this permit and the Table in Attachment 4, the opacity of all plumes and effluents from all point, non-point, or fugitive emission sources shall not exceed 20% as determined by EPA Reference Method 9, Appendix A, 40 CFR Part 60.

**[Federally Enforceable When Opacity Is Above 40%]**

- a. Opacities (optical densities), as measured in accordance with Method 9, of an effluent shall be measured by a certified visible emissions evaluator with his natural eyes, approximately following the procedures which were used during his certification, or by an approved and precisely calibrated in-stack monitoring instrument. [PCC 17.16.040.A.1]
- b. A violation of an opacity standard shall be determined by measuring and recording a set of consecutive, instantaneous opacities, and calculating the arithmetic average of the measurements within the set unless otherwise noted in this permit. The measurements shall be made at approximately fifteen-second intervals for a period of at least six minutes, and the number of required measurements shall be as specified in Attachment 4. Sets need not be consecutive in time, and in no case shall two sets overlap. If the average opacity of the set of instantaneous measurements exceeds the maximum allowed by any rule, this shall constitute a violation. [PCC 17.16.040.A.2]
- c. The use of air or other gaseous diluents solely for the purpose of achieving compliance with an opacity standard is prohibited. [PCC 17.16.040.A.3]
- d. When the presence of uncombined water is the only reason for failure of a source to otherwise meet the requirements as specified in Conditions 10 and 11, Conditions 10 and 11 shall not apply. [PCC 17.16.040.B]

[PCC 17.16.040.B]

### 11. *Visibility Limiting Standard*

[PCC 17.16.050]

- a. The Permittee shall not cause, suffer, allow, or permit operations or activities likely to result in excessive amounts of airborne dust without taking reasonable precautions to prevent excessive amounts of particulate matter from becoming airborne.
- b. The Permittee shall not cause, suffer, allow, or permit diffusion of visible emissions, including fugitive dust, beyond the property boundary line within which the emissions become airborne, without taking reasonably necessary and feasible precautions to control generation of airborne particulate matter. Sources may be required to cease temporarily the activity or operation which is causing or contributing to the emissions until reasonably necessary and feasible precautions are taken.
  - i. Condition 11.b shall not apply when wind speeds exceed twenty-five (25) miles per hour (using the Beaufort Scale of Wind-Speed Equivalents, or as recorded by the National Weather Service). This exception does not apply if control measures have not been taken or were not commensurate with the size or scope of the emission source.
  - ii. Condition 11.b shall not apply to the generation of airborne particulate matter from undisturbed land.

### 12. *Disposition of Portable Sources*

For the purpose of this subsection, “*portable source*” means any building, structure, facility, or installation that emits or may emit any air pollutant and is capable of being operated at more than one location. “*Major source threshold*” means the lowest applicable emission rate for a pollutant that would cause the source to be major at the particular time and location under PCC 17.04.340.128.

[PCC 17.04.340.A. (127, 128, 129, 174)]

- a. Portable sources, including transportable non-road engines, that do not require a permit pursuant to Title 17 of the PCC, that have a potential to emit (PTE) in excess of the levels deemed by the Control Officer to be insignificant activities due to their size or production rate, may be required to demonstrate when the

portable equipment was moved or relocated from a storage area to a location on the property to establish that the source is not subject to regulation as a stationary source. For the purpose of this Condition, portable sources that can be moved by hand or have a combined potential to emit, without controls, less than 10% of the major source threshold shall be deemed to be insignificant activities.

[PCC 17.04.340.A.(114.j & 129), PCC 17.11.090.B.3.a, & PCC 17.13.110.C.2]

- b. The Permittee shall not allow the combined potential to emit (PTE) of the sources covered by this permit and co-located portable sources subject to Condition 12.b.i as stated below, to exceed the major source threshold (12 months), without first applying for a permit revision as provided in Condition 25.

[PCC 17.13.140.B.7]

- i. The Permittee shall consider the emission rate of co-located portable sources that require a permit, pursuant to Title 17 of the PCC, in the emission limitations established by this permit, if the portable source is located onsite and meets either of the following Conditions:

[PCC 17.04.340.A (41), PCC 17.11.100, PCC 17.11.100.C & E]

- (a) The portable source is considered a pollutant emitting activity belonging to the same industrial grouping as sources covered by this permit, is located on one or more contiguous or adjacent properties, and is under the control of the same person, or under the common control of the same person. For the purpose of this provision, pollutant-emitting activities shall be considered as part of the same industrial grouping if they belong to the same major group which has the same two-digit code, as described in the Standard Industrial Classification (SIC) Manual, 1972, as amended by the 1987 supplement; or
- (b) The portable source is located on one or more contiguous or adjacent properties owned and operated by the Permittee, and while classified under a different major group which has a different two digit SIC code, may be considered an aggregated support facility belonging to the same industrial grouping and under common control through a support/dependency relationship, wherein the portable source supports, or is supported by the Permittee with more than 50% of the raw materials or product.

### 13. *Requirement to Obtain Activity Permits*

- a. The Permittee shall not allow or commence demolition or renovation of any NESHAP facility, as defined in 40 CFR Part 61, Subpart M, NESHAP – Asbestos, without first obtaining an Asbestos NESHAP activity permit from the Control Officer. Should this stationary source, pursuant to 40 CFR Part 61, Subpart M, become subject to asbestos regulations when conducting any renovation or demolition at this premises, then the Permittee or operator shall submit proper notification as described in 40 CFR Part 61, Subpart M and shall comply with all other applicable requirements of Subpart M. The Permittee shall keep a record of all relevant paperwork on file.
- b. The Permittee shall not ignite, cause to be ignited, permit to be ignited, allow or maintain any open outdoor fire without first obtaining an activity permit from the Control Officer or delegated authority unless exempted under PCC 17.14.080.C. Note: For reporting of any exempt fires set for the instruction in the method of fighting fires follow Conditions 14.b and 21.e.
- c. The Permittee shall not conduct cause or allow land stripping, earthmoving, blasting, trenching or road construction without first obtaining an activity permit from the Control Officer pursuant to PCC 17.14.040. Note: For reporting of any exempt restricted helicopter visibility training for helicopter pilots see Condition 14.b below.

[PCC 17.14.060 & 40 CFR 61, Subpart M]

[PCC 17.14.080]

[PCC 17.14.040]

### Monitoring Requirements

[PCC 17.13.020.A.3]

### 14. *Visible Emissions (VE)*

- a. If at any time, or while conducting an opacity check required by the Specific Conditions in this permit, the Permittee sees any plume or effluent from a facility source, that on an instantaneous basis, appears to exceed the opacity limit, or if visible emissions including fugitive dust, diffuse beyond the property boundary line, the Permittee shall investigate the source of the emissions and if required take corrective action. If the plume persists, or the activity or operation which is causing or contributing to the emissions cannot be corrected or halted, the Permittee shall make a visual determination of the opacity in accordance with Condition 10 when practicable. If the VE determination exceeds the applicable opacity limit, or if

visible emissions, including fugitive dust, diffuse beyond the property boundary line, the Permittee shall report this as an excess emission in accordance Condition 21. [PCC 17.16.040, PCC 17.16.50.B]

*b. Restricted Visibility Training for Helicopter Pilots*

The Permittee is authorized to conduct restricted visibility training for helicopter pilots provided the Permittee takes measures to minimize dust emissions from diffusing across the property boundary lines. The Permittee shall notify the Control Officer before conducting the training exercises on each day that training exercises are conducted. Notification shall be in the form of a written notice sent to the Control Officer at the following E-mail address: [Air.Notices@pima.gov](mailto:Air.Notices@pima.gov). Each year the Permittee shall submit an annual summary of the training exercises conducted as provided in Condition 21.d. [PCC 17.14.040.F]

15. *Portable Sources*

- a. The Permittee shall keep complete records of the materials used as fuel in any portable sources that are not fueled by natural gas or propane. [PCC 17.16.010.C]
- b. The Permittee shall keep complete records, as needed, to demonstrate that portable sources that do not require a permit, as provided in Condition 12.a, are not subject to regulation as a stationary source. The Permittee may use the sample portable source relocation log in Attachment 5 of this permit to demonstrate the portable source's status.
- c. The Permittee shall keep complete records, as needed, demonstrating that the combined emissions rate of co-located portable sources that require a permit as provided in Condition 12.b and sources covered by this permit do not exceed the major source threshold or the voluntary HAP emission limitations in Condition 6.

16. *Miscellaneous Chemical/Materials Use*

For the purpose of these Conditions a HAP-containing chemical/material shall be any material that contains any individual HAP that is an Occupational Safety and Health Administration (OSHA) defined carcinogen as specified in 29 CFR 1910.1200(d)(4) at a concentration greater than 0.1 percent by mass, or greater than 1.0 percent by mass for any other individual HAP compound. For the purpose of determining whether materials the Permittee uses contain HAP compounds, the Permittee may rely on formulation data provided by the manufacturer or supplier, such as the material safety data sheet (MSDS), as long as it represents each HAP compound in the material that is present at 0.1 percent by mass or more for OSHA defined carcinogens as specified in 29 CFR 1910.1200(d)(4) and at 1.0 percent by mass or more for other target HAP compounds. If the HAP content for a material is specified as a range of concentrations in the MSDS, the highest concentration specified in the range shall be used to determine the HAP content of that material.

- a. In accordance with Condition 6, the Permittee shall maintain an Air Program Information Management System (APIMS) to ensure tracking and reporting of the types and quantities of HAP-containing materials issued or used in operations covered by this permit (SIC Code, Major Group 97). The HAP containing materials shall include but not be limited to surface coatings and diluents, wash solvents, degreasing agents, de-icing agents, light lubricants, adhesives, sealants, and other-non-janitorial soaps and cleaners.
- b. The Permittee shall use APIMS to prepare a monthly issues report (MIR) that inventories and totals the mass of HAP emitted from HAP-containing materials issued or used in operations covered by this permit. The following shall be assumed required in generating the MIR report:
  - i. The MIR shall contain the monthly use or issuance of each material including the unit basis used in determining the monthly summaries of the combined mass of HAPs emitted and the monthly summaries of individual HAP species emitted.
  - ii. The Permittee may choose to track HAP emissions on an "issues" basis or on an "as used" basis. The MIR shall clearly state if the log is an "as used" or an "issue" log, and identify the material with the associated operation, whenever possible, as either surface coating operations, solvent degreasing operations, or miscellaneous chemical/materials, as applicable. If the associated operation is otherwise unknown, the HAP emissions shall be included in the miscellaneous chemical/materials operation log.



- iii. In operations where the Permittee chooses to track HAP emissions on an “issues” basis rather than on an “as used” basis, an “issue” shall be deemed to have occurred when possession of a material which has been purchased for use at the facility is transferred to the requestor. The Permittee shall not be allowed to change the method of logging once established. That is, an “issue log” shall not be allowed to be changed to an “as used” type of log, or vice versa, once the log has been implemented for a particular operation.
- iv. All products shall be assumed to be used during the calendar month they are issued or used for enclosed surface coating operations, solvent degreasing operations, and miscellaneous chemical/materials issues (including architectural coatings).
- v. All products issued or used shall be assumed to emit all of its volatile HAP when used.
- vi. Spray applied architectural coatings issued or used shall be assumed to emit all of their non-volatile HAP.
- vii. Every material or product that is used or issued shall be analyzed for its HAP content and recorded in a file that is readily available for expeditious review by the Control Officer. Each record shall be indexed to the materials listed in the MIR and contain the following information:
  - (a) The HAP content (in weight percent) for each individual HAP specie; and
  - (b) The total combined HAPs content (in weight percent); and
  - (c) The unit basis, weight or volume, and density or specific gravity (as applicable).

#### 17. *Permit-Wide Standards*

Except as provided in Conditions 14, 15, 16, and 27 of this Section or as otherwise contained in the Specific Conditions of this permit, additional monitoring for compliance with the permit-wide standards in Conditions 6 through 13 shall not be necessary. The Control Officer may ask the Permittee to conduct additional monitoring if the Control Officer has reasonable cause to believe a violation of the permit-wide standards has been committed.

### Recordkeeping Requirements

[PCC 17.13.020.A.4]

#### 18. *Monitoring Records*

[PCC 17.13.020.A.4.a]

The Permittee shall maintain records of required monitoring information. Records shall include at a minimum:

- a. The date, time, and the place defined in the permit requiring the measurement, sampling, inspection, or observation;
- b. The name of the person conducting the measurement, sampling, inspection, or observation;
- c. The particular piece of equipment, process, or area being measured, sampled, inspected, or observed including a description of the operating conditions and monitoring techniques or methods used as applicable; and,
- d. The results of the measurement, sampling, inspection, or observation, including any discrepancy or excess emissions. If there are any monitoring discrepancies or excess emissions, the record shall include the corrective action taken.

#### 19. *Record Retention*

[PCC 17.13.020.4.b]

The Permittee shall retain records of all required monitoring and support information for at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, and copies of all reports required by the permit.

#### 20. *Recordkeeping for Compliance Determination*

[A.R.S. §49-485, PCC 17.11.060, &amp; PCC 17.24.020.A]

The Permittee shall retain a copy of the permit onsite including all required monitoring records and support information for review by the Control Officer. In addition, all equipment identified in the permit equipment list shall be marked with a unique, clearly visible, and accessible ID to identify the piece of equipment. The Permittee shall be considered in compliance by demonstrating that sufficient information on the equipment and facility operations is periodically collected, recorded, and maintained to assure that the compliance status of any Specific Condition of this permit can be readily ascertained at any time.

**Reporting Requirements**

[PCC 17.13.020.A.5]

**21. *Special Annual Reporting***

[PCC 17.24.050]

The Permittee shall submit an annual report to the Control Officer due on March 1st of each year, covering the period January 1<sup>st</sup> through December 31<sup>st</sup> of the previous year. The report shall contain the following:

- a. For each month, the Permittee shall calculate and record the 12-consecutive month rolling total amount of the combined mass of HAPs emitted by sources and operations covered under this permit (SIC Code, Major Group 65) within 45 calendar days after the end of the month. The mass of combined HAPs emitted shall be calculated and summed using the monitoring records in Condition 31 and the appropriate emission factors and methods in the approved potential to emit documents provided in the permit application.
- b. For each month, the Permittee shall report the 12-consecutive month rolling totals of the mass of combined HAPs emitted from emission sources and operations covered under all permits issued to the Permittee within 45 calendar days after the end of the month. The report shall also include emissions from any portable sources that require a permit and are planned to be located at a single site in excess of 12 months as provided in Conditions 12.b and 15.c.
- c. For each month, the Permittee shall report the 12-consecutive month rolling totals of the mass of the 10 highest single HAP species emitted from emission sources and operations for all permits issued to the Permittee within 45 calendar days after the end of the month. The report shall also include emissions from any portable sources that require a permit and are planned to be located at a single site in excess of 12 months as provided in Conditions 12.b and 15.c.
- d. The Permittee shall provide a summary of the number and dates of restricted visibility training exercises as provided in Condition 14.b.
- e. The permittee shall report each date open burning occurred, on an annual basis, in a report for the previous calendar year. The report shall include:
  - i. The date of each burn;
  - ii. The type and quantity of fuel burned for each date open burning occurred;
  - iii. The fire type, such as pile or pit, for each date open burning occurred; and
  - iv. For each date open burning occurred, the legal location, to the nearest section, or latitude and longitude, to the nearest degree minute, or street address for residential burns;

**22. *Excess Emissions Reporting:***

[PCC 17.13.190]

The Permittee shall report to the Control Officer any emissions in excess of the limits established by this permit in accordance with Condition 2 of the General Conditions.

**23. *Emissions Inventory Reporting***

[PCC 17.13.180]

When requested by the Control Officer, the Permittee shall complete and submit an annual emissions inventory questionnaire. The questionnaire is due by March 31<sup>st</sup> or ninety days after the Control Officer makes request and inventory form available, whichever occurs later, and shall include emission information for the previous calendar year. The questionnaire shall be on a form provided by or approved by the Control Officer and shall include the information required by PCC 17.13.180.

**24. *Certification of Truth Accuracy and Completeness***

[PCC 17.13.010.H]

All reports required by this permit shall contain certification by a responsible official of truth, accuracy and completeness. The certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

**Facility Changes****25. *Permit Revision Application***

[PCC 17.13.100, PCC 17.13.110.C.3, PCC 17.13.130, PCC 17.13.140]

Before installing additional emission sources, modifying existing emission sources, switching fuels, or changing the method of operation at the facility such that the changes increase actual emissions more than 10% of the major source threshold, the Permittee shall, if applicable, apply for the appropriate revision in accordance with PCC 17.13.100, PCC 17.13.130, or PCC 17.13.140.

26. *Notification*

[PCC 17.13.110.C]

For permit changes that do not require revision, the Permittee may make the changes if written notice is provided to the Control Officer in advance of the changes in accordance with PCC 17.13.110.C

27. *Facility Change Log*

[PCC 17.13.110.B]

The Permittee shall maintain a log of other permit changes that do not require revision or notice in accordance with PCC 17.13.110.B.

**Testing Requirements**

[PCC 17.11.160, PCC 17.11.210 &amp; PCC 17.20.010]

28. Except where otherwise specified in the Specific Conditions in this permit, the following provisions and test methods shall be used. The methods and standards below are from Appendix A of 40 CFR Part 60 or incorporated by reference in 40 CFR §60.17.

a. *Opacity*

When required, EPA Test Method 9 shall be used to monitor compliance with the opacity standards identified in this permit.

[PCC 17.11.160.B]

b. *Fuel Sulfur Limitations*

Documentation, such as invoices or statements from the fuel supplier, showing the fuels delivered and verifying the fuel sulfur content is below applicable standards, shall be an acceptable means to demonstrate compliance with the fuel sulfur limits identified in this permit. If otherwise required or when requested by the Control Officer, the fuel sulfur content of fuels shall be determined using ASTM D129, D1266, D1552, D2622, D4294, D5453 or an equivalent for liquid fuels, and ASTM D1072, D3246, D4084, D4468, D4810, D6228, D6667, Gas Processors Association Standard 2377, or an equivalent for gaseous fuels.

c. *HAP Determination*

The HAP content (percent by weight) of all materials issued or used or the HAP emitted from equipment and operations shall be determined through one of the following methods:

- i. A standard methodology published by EPA, ASTM, or industry approved emission factors, as applicable.
- ii. Use of Material Safety Data Sheets (MSDS). If the HAP content for a material is specified as a range of concentrations in the MSDS, the highest concentration specified in the range shall be used to determine the HAP content of the material.
- ii. A manufacturer's certification of HAP content.
- iii. The methods set forth in 40 CFR Part 60, Appendix A.
- v. If otherwise unknown or unable to determine the HAP content or coating density for surface coatings or solvents that are not commonly used, the Permittee may use a "default" surface coating HAP content of 7 lbs. of HAP/gallon or 70% HAP (by weight); and a solvent HAP content of 10 lbs. of HAP/gallon or 100% HAP (by weight) added to the highest single HAP specie emitted from emission sources and operations as provided in Condition 21.c.

d. *Alternative Test Plan*

The Permittee may submit an alternate and equivalent test method(s) that is listed in 40 CFR Subpart 60, Appendix A, to the Control Officer in a test plan, for approval by the Control Officer.

e. *Test Protocols and Guidelines*

Except as provided in this Section, should the Permittee desire, or be required, to conduct performance tests to demonstrate compliance with the standards contained in this permit, the Permittee shall contact the Control Officer for test methods, protocols, and guidelines.

f. *Enforcement*

Notwithstanding any other provision in this permit, any credible evidence or information relevant as to whether the source would have been in compliance with applicable requirements if the appropriate performance or compliance test had been performed can be used to establish whether or not the owner or operator has violated or is in violation of any standard or applicable emission limit in this permit.

### ***SECTION 3: FUEL STORAGE AND DISPENSING FACILITIES***

In accordance with Condition 36.b, the provisions in this Section apply to fuel storage tanks and fuel dispensing facilities listed in Table 1 of Attachment 2. All provisions of this Section are Federally Enforceable unless otherwise noted.

#### **Emission Limitations and Standards**

[PCC 17.13.020.A.2]

#### ***29. Operational Limitations***

- a. The Permittee shall only use the following fuels in applicable storage tanks and fuel dispensing equipment:
 

[PCC 17.11.190.B]  
[Material Permit Conditions]

  - i. Motor vehicle gasoline; and
  - ii. Diesel/Bio-Diesel fuel oil numbers 2-D and 4-D.
- b. The Permittee shall not allow the combined throughput of all fuel products covered by this permit to exceed the following totals for each type of fuel in any 12-consecutive month period.
 

[PCC 17.11.190.B]  
[Material Permit Conditions]

  - i. Gasoline fuel throughput shall not exceed 300,000 gallons; and
  - ii. Diesel fuel throughput shall not exceed 900,000 gallons.
- c. The Permittee must minimize emissions of hydrocarbons from a stationary tank, reservoir, or other container which has a capacity of at least 250 gallons but less than or equal to 40,000 gallons used for storing petroleum liquids by applying and maintaining the following controls:
 

[PCC 17.16.230.B]  
[Material Permit Condition]

  - i. Submerged fill pipe, or
  - ii. Refrigeration-type vapor recovery system or an equivalently effective control system.
- d. The Permittee shall equip and operate a Stage I vapor collection system consisting of a vapor-tight return line from the storage tank(s) or its vent(s) to the gasoline transport vehicle, or a properly installed on-site vapor control system connected to a vapor collection system for all tanks associated with a gasoline dispensing site which has a monthly throughput greater than 10,000 gallons. The Permittee shall ensure that all system hardware and components conform to those systems and components certified by the State of California Air Resources Board (CARB) as of March 31, 2001 or after that date and has not been rejected by the Arizona Department of Environmental Quality, and through verification by inspection of the Control Officer, that the Stage I collection system or on-site vapor control system is in place and operating at each affected tank.
 

[PCC 17.11.120 ref A.R.S. §41-2132.A and B]  
[Material Permit Condition]

#### ***30. NESHAP for Gasoline Dispensing Facilities 'GDF'***

In accordance with Condition 36.b.ii, the provisions in this subsection apply to each GDF listed in Table 2 of Attachment 2. The General Provisions of 40 CFR Part 63, Subpart A apply to applicable GDF sources as indicated in Table 2 of 40 CFR Part 63, Subpart CCCCC.

- a. The Permittee shall not cause, allow, or permit the combined **yearly** throughput of gasoline for affected GDF facilities listed in Table 2 to exceed 300,000 gallons.
 

[PCC 17.11.190.B]  
[Material Permit Condition]
- b. For each permitted GDF: If a GDF ever exceeds an applicable throughput threshold, as listed below, the GDF remains subject to all requirements for sources above the threshold even if the affected source throughput later falls below the applicable throughput thresholds.
 

[40 CFR 63.1111(i)]

- c. *Requirements for facilities with monthly throughput less than 10,000 gallons of gasoline:*
  - i. The Permittee shall not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following:
    - (a) Minimize gasoline spills;
    - (b) Clean up spills as expeditiously as practicable;
    - (c) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use.
    - (d) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.
  - ii. The Permittee is not required to submit notifications or reports as specified in 40 CFR 63.11125, 63.11126, or subpart A but must have records available within 24 hours of a request by the Control Officer to document gasoline throughput.
  - iii. Portable gasoline tanks, filled from a fixed storage tank at a GDF and used to dispense into on-site motor vehicles or other gasoline-fueled engines within the area source, are subject to 30.c of this Section.
- d. *Requirements for facilities with monthly throughput of 10,000 gallons of gasoline or more:*
  - i. The Permittee must comply with the requirements in Condition 30.c.
  - ii. The Permittee shall use submerged filling when loading gasoline into storage tanks with greater than 249 gallon capacity.
  - iii. The Permittee must have records available within 24 hours of a request by the Control Officer to document the gasoline throughput.
- e. *[Reserved for GDF facilities with monthly throughput of 100,000 gallons of gasoline or more]*
- f. *[Reserved for Cargo tanks unloading at a GDF /w monthly throughput of 100,000 gallons or more]*

### Compliance Determination

[PCC 17.13.020.A.3, 4, & 5]

### 31. Operational Limitations

The Permittee shall keep and maintain an operation log for each fuel storage tank and associated dispensing facilities listed in Table 1 of Attachment 2. If no fuel was loaded into a particular tank during a given month, the log shall note that no fuel was received. The Permittee shall record the following information for each storage tank within 30 days of the end of the previous month:

- a. The quantity of fuel loaded, in gallons, with each addition (load) and the date of each addition.
- b. The monthly total of fuel loaded, in gallons.
- c. The 12-consecutive month totals of fuel loaded, in gallons.

32. *GDF Requirements*

- a. The Permittee must, at all times, including periods of startup, shutdown, and malfunction, operate and maintain the GDF, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.  
[40 CFR 63.6(e)(1)(i), & 40 CFR 63, Subpart CCCCCC, Table 3]
- b. An affected source shall provide proof of throughput upon request by the Control Officer.  
[40 CFR 63.1111(e)]
- c. **Yearly** throughput shall be a **365-day** rolling total, calculated by summing the volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at each GDF during the current day, plus the total volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at each GDF during the previous 364 days. **Monthly** throughput shall be calculated using the **yearly** throughput and dividing that sum by 12.  
[40 CFR 63.11132]  
[Material Permit Condition]
- d. Recordkeeping to document throughput must begin upon startup for a new or reconstructed source and shall be kept for a period of five (5) years.  
[40 CFR 63.1111(e)]

33. *Air Pollution Control*

- a. The Permittee shall annually inspect the gasoline storage tanks' submerged fill devices. The inspections shall be used to determine whether all of the submerged fill devices are in good working order, according to good modern practices and any available industry practices or recommendations.  
[PCC 17.13.020.A.3.c]  
[Material Permit Condition]
- b. The Permittee shall inspect the vapor control recovery system(s) (if equipped) and all pumps compressors, pipes, hoses mechanical seals or other equipment storing, handling, conveying or controlling VOCs and HAPs according to the following inspection schedule:  
[PCC 17.13.020.A.3.c]  
[Material Permit Condition]
  - i. On a monthly basis, the Permittee shall check pump operation for vibration, noise, overheating, and any other irregularity, and check for leaks on suction and discharge piping, seals, and any other joint; and tighten or replace loose, missing damaged nuts, bolts, or screws as identified by visual inspection.
  - ii. On a quarterly basis, the Permittee shall Pressure test system for leaks; clean dispensing system equipment; and check hoses and nozzles for condition.
  - iii. On a semi-annual basis, the Permittee shall clean and repair tank vents; and check drop tube seal, spring, and operability.
  - iv. On an annual basis, the Permittee shall check leak detector pressure relief setting; and check leak detector operation (if equipped).
- c. The records of the inspections required in Conditions 33.a and b above shall contain at least the following information:
  - i. Associated Tank(s), Facility ID, and identification of the device or equipment;
  - ii. The date of the inspection;
  - iii. The results of the inspection; and
  - iv. Any corrective action taken.
- d. The Permittee shall repair defective air pollution control equipment promptly and keep complete records of the maintenance and repairs performed.

## **SECTION 4: SOLVENT DEGREASING/CLEANING OPERATIONS**

In accordance with Condition 36.c, the provisions in this Section are applicable to solvent degreasing/cleaning operations identified in the list in Table 4 of Attachment 2. All provisions of this section are locally enforceable unless otherwise noted.

### **Emission Limitations and Standards**

[PCC 17.13.020.A.2]

#### **34. Solvent Degreasing Units**

- a. Solvent Degreasing/Cleaning units shall be equipped with lids which shall be closed when not in use.
- b. The Permittee is prohibited from using halogenated solvents in solvent degreasing/cleaning units (if used) in a total concentration that is greater than 5 percent by weight HAP, without submitting an Initial Notification in accordance with 40 CFR 63, Subpart T to the Control Officer and submitting a permit revision as provided in Conditions 25 through 27 of Section 2.

[PCC 17.11.120.A.3.a, PCC 17.16.530.B.16, NESHAP Subpart T Applicability]

**[Material Permit Condition]**

### **Compliance Determination**

[PCC 17.13.020.A.3, 4 & 5]

#### **35. Solvent Degreasing/Cleaning Operations**

The Permittee shall maintain a list of solvents used in solvent degreasing/cleaning units and their MSDS sheets.

**SECTION 5: SPECIFIC APPLICABILITY PROVISIONS****36. Permitted Facility Sources**

The Specific Conditions in this permit apply to the following source categories, affected facilities, equipment, emission sources, installations, activities, and operations.

**a. Permit-Wide Operations**

Except as provided in Condition 38, Section 2 of the permit applies to permit-wide operations and to all sources of air contaminants, to include the following: Voluntary emission limitations, general control standards, materials handling standards, odor limiting standard, opacity limit, visibility limiting standard, disposition of portable sources, miscellaneous/chemical materials use, and requirements to obtain activity permits. In addition to the General Conditions contained in this permit, Section 2 contains specific monitoring, recordkeeping, reporting, permit change, and testing requirements that apply permit-wide and to all emission sources and operations covered by this permit.

[PCC 17.11.190.B, PCC 17.16.010., PCC 17.16.020 thru 050, PCC 17.16.400.A & C, & PCC 17.16.430.F]

**[Federally and Locally Enforceable Conditions]**

**b. Fuel Storage and Fuel Dispensing**

Section 3 of the permit applies to fuel storage, loading, and dispensing facilities listed in Table 2. The provisions in this section apply to fuel loading into the applicable storage tanks, fuel dispensing into government owned vehicles, all stationary gasoline storage tanks with a capacity of at least 250 gallons and less than 40,000 gallons capacity, and pumps and compressors which handle volatile organic compounds.

[PCC 17.16.230.B & D]

- i. Equipment and operations identified in Table 2 of Attachment 2 are synthetic minor sources of HAP based on the throughput limitations in Section 3 and the emission factors and estimates in the approved potential to emit documents provided with the permit application.
- ii. NESHAP for Gasoline Dispensing Facilities ‘GDF’ 40 CFR 63, Subpart CCCCCC – National Emission Standards for Hazardous Air Pollutants for Gasoline Dispensing Facilities (GDF).

[PCC 17.16.530.B.106]

**[Federally Enforceable Conditions]**

- (a) The emission sources to which this subsection applies are gasoline storage tanks and associated equipment components in vapor or liquid gasoline service at new, reconstructed, or existing GDF that meet the criteria as stated below. Pressure/Vacuum vents on gasoline storage tanks and the equipment necessary to unload product from cargo tanks into the storage tanks at GDF are covered emission sources. The equipment used for the refueling of motor vehicles is not covered by this subsection. An affected source is a new affected source if you commenced construction on the affected source after November 9, 2006, and you meet the applicability criteria stated below at the time you commenced operation. An affected source is reconstructed if you meet the criteria for reconstruction as defined in 40 CFR 63.2. An affected source is an existing affected source if it is not new or reconstructed. GDF must comply with the provisions of this subsection by the dates specified in in 40 CFR 60.11113. [40 CFR 63.11112 & 40 CFR 63.11113]
- (b) Applicable to each GDF that is located at an area source. The affected source includes each gasoline cargo tank during the delivery of product to a GDF and includes each storage tank. [40 CFR 63.11111(a)]
- (c) If your GDF has a monthly throughput of less than 10,000 gallons of gasoline, you must comply with the requirements in Condition 30.c of this permit. [40 CFR 63.11111(b)]
- (d) If your GDF has a monthly throughput of 10,000 gallons of gasoline or more you must comply with the requirements in Condition 30.d of this permit. [40 CFR 63.11111(c)]



- (e) An affected source shall, upon request by the Control Officer, demonstrate that their monthly throughput is less than the 10,000-gallon or the 100,000-gallon threshold level, as applicable. For new or reconstructed affected sources, as specified in Condition 36.b.ii (a) of this subsection, recordkeeping to document monthly throughput must begin upon startup of the affected source. For existing sources, as specified in Condition 36.b.ii (a), recordkeeping to document monthly throughput must begin on January 10, 2008. For existing sources that are subject to this subpart only because they load gasoline into fuel tanks other than those in motor vehicles, as defined in 40 CFR 63.11132, recordkeeping to document monthly throughput must begin on January 24, 2011. Records required under this paragraph shall be kept for a period of 5 years. [40 CFR 63.11111(e)]
- (f) The loading of aviation gasoline into storage tanks at airports, and the subsequent transfer of aviation gasoline within the airport, is not subject to this subpart. [40 CFR 63.11111(g)]
- (g) Monthly throughput is the total volume of gasoline loaded into, or dispensed from, all the gasoline storage tanks located at a single affected GDF. If an area source has two or more GDF at separate locations within the area source, each GDF is treated as a separate affected source. [40 CFR 63.11111(h)]
- (h) If the Permittee's affected source's throughput ever exceeds an applicable throughput threshold, the affected source will remain subject to the requirements for sources above the threshold, even if the affected source throughput later falls below the applicable throughput threshold. [40 CFR 63.11111(i)]
- (i) The dispensing of gasoline from a fixed gasoline storage tank at a GDF into a portable gasoline tank for the on-site delivery and subsequent dispensing of the gasoline into the fuel tank of a motor vehicle or other gasoline-fueled engine or equipment used within the area source is only subject to Condition 30.c. [40 CFR 63.11111(j)]

c. *Solvent Degreasing/Cleaning Operations*

Section 4 of the permit applies to solvent degreasing/cleaning operations in accordance with PCC 17.16.400.

37. *Local (New and Existing) Stationary Source Performance Standards*

Local performance standards apply to the following facilities or operations: The storage and transport of VOCs and pumps or compressors that handle VOC; petroleum liquid storage tanks of at least 250 gallons and less than 40,000 gallons; solvent degreasing/cleaning operations, and each unclassified source.

[PCC 17.13.020.A.2, PCC 17.16.230, PCC 17.16.400.A, & PCC 17.16.430]  
[Locally Enforceable Conditions]

38. *Exempt Sources*

a. *Agricultural Equipment*

The Specific Conditions contained in this air quality permit shall not apply to agricultural equipment used in normal farm operations unless their operation without a permit would result in a violation of the Act.

[PCC 17.11.090.C.3]

## **GENERAL CONDITIONS**

[References are to Title 17 of the Pima County Code [PCC] unless otherwise noted]

### **1. *Compliance with Permit Conditions***

[PCC 17.13.020.A.7.a & b]

- a. The Permittee shall comply with all Conditions of this permit including all applicable requirements of 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. 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.

### **2. *Excess Emissions, Emergency Reporting***

[PCC 17.13.020.A.5 & PCC 17.13.190]

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:

- a. 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 from 17.13.190.B. The number to report excess emissions is **520-724-7400**. The facsimile number is **520-838-7432**.
- b. Detailed written notification by submission of an excess emissions report within 72 hours of the notification under I.B.1 above. **Send to PDEQ 33 N. Stone Avenue, Suite 700, Tucson, Arizona 85701 or by E-mail to [air.notices@pima.gov](mailto:air.notices@pima.gov).**

### **4. *Property Rights***

[PCC 17.13.020.A.7.d]

The permit does not convey any property rights of any sort, or any exclusive privilege to the permit holder.

### **5. *Fee Payment***

[PCC 17.13.020.A.9 & PCC 17.13.240]

The Permittee shall pay fees to the Control Officer pursuant to PCC 17.13.240.

### **6. *Permit Revision, Reopening, Revocation and Reissuance, or Termination for Cause***

[PCC 17.13.020.A.7.e]

The permit may be revised, reopened, revoked and reissued, or terminated for cause pursuant to PCC 17.13.150. 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.

### **7. *Duty to Provide Information***

[PCC 17.13.010.G & PCC 17.13.020.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.

### **8. *Severability Clause***

[PCC 17.13.020.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 I – APPLICABLE REGULATIONS****40 CFR, Part 60 Standards of Performance for New Stationary Sources**

Subpart A	General Provisions
Appendix A	Test Methods

**40 CFR, Part 63 National Emissions Standards for Hazardous Air Pollutants for Source Categories**

Subpart A	General Provisions
Subpart CCCCCC	NESHAP for Gasoline Dispensing Facilities

**Pima County Code Title 17, Chapter 17.11 – General Provisions for Permits**

<b>Article I –</b>	<b>General Provisions</b>
17.11.010	Statutory Authority.
17.11.020	Planning, Constructing, or Operating Without a Permit.
<b>Article II –</b>	<b>General Provisions for Stationary Source Permits</b>
17.11.060	Permit Display or Posting.
17.11.070	Public records – Confidentiality.
17.11.090	Applicability – Classes of permits.
17.11.100	Permits for State Delegated Emission Sources.
17.11.110	Portable Sources.
17.11.120	Material permit condition.
17.11.150	Stack height limitation.
17.11.160	Test methods and procedures.
17.11.190	Permits containing synthetic emission limitations and standards.
17.11.210	Performance tests.

**Pima County Code Title 17, Chapter 17.13 – Permits and Permit Revisions for Class II and III Permits**

<b>Article I –</b>	<b>General Provisions</b>
17.13.010	Application processing procedures.
17.13.020	Permit contents.
17.13.070	Establishment of an emissions cap for Class II and Class III permits.
<b>Article II –</b>	<b>Permit Revisions, Renewals and Transfers for Class II and III Permits</b>
17.13.100	Facility changes that require a permit revision.
17.13.110	Procedures for certain changes that do not require a permit revision.
17.13.120	Administrative amendments for Class II and Class III permits.
17.13.130	Minor revisions.
17.13.140	Significant revisions.
17.13.150	Reopening, revocation, or termination.
<b>Article III –</b>	<b>Emissions for Class II and Class III Sources</b>
17.13.180	Annual Emissions inventory questionnaire.
17.13.190	Excess emissions reporting requirements.
<b>Article IV -</b> (Inclusive)	<b>Public Participation for Class II and III permits</b>
<b>Article V –</b>	<b>Fees for Class II and Class III Sources</b>
17.13.230	General Provisions.
17.13.240	Fees related to Class II and Class III permits.

**Pima County Code Title 17, Chapter 17.14 – Activity Permits**

<b>Article I –</b>	<b>General Provisions</b>
17.14.040	Fugitive Dust Activity Permits.
17.14.060	Asbestos NESHAP activity permits.
17.14.080	Open burning permits.

**Pima County Code Title 17, Chapter 17.16 – Emission Limiting Standards**

<b>Article I –</b>	<b>General Provisions</b>
17.16.010	Local rules and standards; Applicability of more than one standard
17.16.020	Noncompliance with applicable standards
17.16.030	Odor limiting standards
<b>Article II –</b>	<b>Visible Emission Standards</b>
17.16.040	Standards and applicability (includes NESHAP)
17.16.050	Visibility limiting standard
<b>Article III –</b>	<b>Emissions from Existing and Nonpoint Sources (Inclusive, except 17.16.060)</b>
<b>Article IV –</b>	<b>New and Existing Stationary Source Performance Standards</b>
17.16.130	Applicability
17.16.230	Standards of performance for storage vessels of petroleum liquids
17.16.400	Organic solvents and other organic materials
17.16.430	Standards of performance for unclassified sources
<b>Article V –</b>	<b>Emissions from New and Existing Portable Sources (Inclusive)</b>
<b>Article VII –</b>	<b>National Emission Standards for Hazardous Air Pollutants</b>
17.16.530.B.1	NESHAP – Subpart A – General Provisions
17.16.530.B.110	NESHAP – Subpart CCCCCC – Gasoline Dispensing Facilities

**Pima County Code Title 17, Chapter 17.20 – Emissions Source Testing and Monitoring**

<b>Article I –</b>	<b>General Provisions</b>
17.20.010	Source sampling, monitoring and testing
<b>Article II –</b>	<b>Concealment of Emissions</b>
17.20.040	Concealment of emissions
<b>Article III –</b>	<b>Compliance Inspections</b>

**ATTACHMENT 2 – EQUIPMENT LIST**

Equipment and operations for which emissions are allowed by this permit are as follows:

**1) Miscellaneous chemical/materials use operations for SIC Major Group ‘97’ (Ref. Section 2, Condition 16)****2) Table 1 – Affected Fuel Loading and Dispensing Facilities (Ref. Permit Section 3)**

Equipment / Source ID Number	EPN/Description <sup>1</sup>	MFR	Model	Serial Number/ Unique ID	Maximum Rated Capacity	Fuel Type	Allowable Fuel Throughput	Date of MFR	Date Installed
01	FDSP 4703-02 Military Service Station GDF	-	-	UST 4703-01	5,000 Gallons	Gasoline	300,000 Gal/yr	-	1965
				UST 4703-02	5,000 Gallons				
02	FLD 4703-01 Military Service Station	-	-	UST 4703-03 25101	5,000 Gallons	Diesel	900,000 Gal./yr	-	1965
				UST 4703-04 25103	5,000 Gallons			-	1965

<sup>1</sup> FLDSP – Fuel Dispensing Facility; EPN – Emission Point Number (Numbers normally correspond to building numbers)

**3) Table 2 – Solvent Degreasing/Cleaning Operations (Ref. Permit Section 4)**

Equipment/ Source ID Number	EPN/Description	Make	Model / Capacity	Solvent Media	Date of MFR	Date Installed
06	DEGR 165-01 Degreasing Unit 355 SFS/SFTC Range	Inland Technology	IT-48MG/48 Gal.	Breakthrough FB245	-	2002
07	DEGR 1358-01 Degreasing Unit 355 SFS/S4A Security	Inland Technology	IT-48WC/48 Gal	Breakthrough FB245	-	2001

DEGR – Degreasing Unit; EPN – Emission Point Number (Numbers normally correspond to building numbers).

**ATTACHMENT 3 - INSIGNIFICANT ACTIVITIES**

The following equipment or operations have been determined by the Control Officer, because of their size or production rate, to be de-minimus emission sources and insignificant or trivial activities in accordance with PCC 17.04.340.A. (114).

Description	Maximum Rated Capacity	Fuels Used
Landscaping, building maintenance, or janitorial services.	-	-
Various Diesel or Gas Turbine Fuel Oil Storage Tanks. <b>Oil-Water Separators</b> <b>Tanks Storing Low Vapor Pressure Liquids such as virgin oil, flush oil, hydraulic oil, anti-freeze, et. al.</b>	≤ 40,000 gallons ea.	<b>Diesel, Jet-A, JP-5, JP-8</b>
Batch mixers.	≤ 5 cubic feet	-
Wet sand and gravel production facilities whose permanent in-plant roads are paved and cleaned to control dust. This does not include activities in emissions units which are used to crush or grind any nonmetallic minerals.	≤ 200 tons/hour	-
Hand-held or manually operated equipment used for buffing, polishing, carving, cutting, drilling, machining, routing, sanding, sawing, surface grinding, or turning of ceramic art work, precision parts, leather, metals, plastics, fiberboard, masonry, carbon, glass or wood.  <b>Permit-Wide small commercial abrasive blasting cabinets, provided they are equipped with filtration control devices.</b>	-	-
Powder Coating Operations	-	-
Internal combustion (IC) engine-driven compressors, IC engine-driven electrical generator sets, and IC engine-driven water pumps used only for emergency replacement or standby service.  <i>Note: Portable or temporary IC engines or other non-road engines that operate, or are planned for operation, at a fixed location for more than 12 months are subject to stationary source permitting requirements. Portable or temporary IC located at a facility, may be required to keep records showing when the sources are transferred to or from the facility, or moved to alternate locations at the facility in order to establish that the sources are not stationary IC engines.</i>	-	-
Lab equipment used exclusively for chemical and physical analyses.	-	-
Trivial activities as provided in PCC 17.04.340.A.237 a through xx.	-	-
Other activities determined by the Control Officer to be insignificant activities:	-	-

**ATTACHMENT 4 EMISSIONS DISCHARGE OPACITY LIMITING STANDARDS****PCC 17.16.040**

Type of Source	Instantaneous Opacity Measurements			Maximum Allowable Average Opacity, %
	Required No. (For a Set)	Excluded No. (Highest Values)	N. to Use For Averaging	
Cold Diesel Engines <sup>1</sup>	25	0	25	60
Loaded Diesel Engines <sup>2</sup>	26	1	25	60
Other Sources <sup>3</sup>	25	0	25	20

<sup>1</sup> Applicable to the first 10 consecutive minutes after starting up a diesel engine.

<sup>2</sup> Applicable to a diesel engine being accelerated under load.

<sup>3</sup> Any source not otherwise specifically covered within this table, unless otherwise specifically covered in this permit.

**ATTACHMENT 5 SAMPLE PORTABLE SOURCE LOCATION LOG**

Company Name: \_\_\_\_\_

Company Equipment ID. No: \_\_\_\_\_

Portable Source Description/Model: \_\_\_\_\_

Fuel Burning Equipment Yes \_\_\_\_\_ No \_\_\_\_\_

Fuel Fired (if applicable): \_\_\_\_\_

Model or Size<sup>\*</sup>: \_\_\_\_\_

Date of Manufacture: \_\_\_\_\_

Site Location	Initial Date at Location	Date Moved to Storage Area
	Operating Hours:	Operating Hours:
	Operating Hours:	Operating Hours:
	Operating Hours:	Operating Hours:
	Operating Hours:	Operating Hours:
	Operating Hours:	Operating Hours:
	Operating Hours:	Operating Hours:
	Operating Hours:	Operating Hours:
	Operating Hours:	Operating Hours:
	Operating Hours:	Operating Hours:

\* If applicable, please indicate the process rate in lbs/hr, hp, or MMbtu/hour