



Enhanced Regulatory Outreach Program Maricopa County Air Quality Department Notice of Stakeholder Workshop

Date/Time: Thursday, October 30, 2014, 10:00 a.m.
Location: 1001 North Central Avenue, Floor 9 Classroom*

The Maricopa County Air Quality Department (department) will conduct a Stakeholder Workshop to discuss proposed rule revisions regarding Maricopa County's **New Source Review (NSR) (AQ-2013-005-New Source Review)**. This is the third workshop in a series of workshops. The draft rules that will be discussed during the third workshop are attached to this announcement and address Minor New Source Review:

- Rule 100: General Provisions And Definitions
- Rule 200: Permit Requirements
- Rule 210: Title V Permit Provisions
- Rule 220: Non-Title V Permit Provisions
- Rule 241: Permits For New Sources And Modifications To Existing Sources
- Rule 510: Air Quality Standards

If you want to review the draft rules associated with the second workshop, they are available at: <http://www.maricopa.gov/regulations>. During the second workshop, the department discussed the Maricopa County rules in which revisions matched rule language found in the recently adopted State NSR Program.

The Stakeholder Workshop is an informal meeting for all interested parties, is free of charge and no advance registration or RSVP is required.

In order to enhance the discussion and cost savings, as well as support the county's sustainability initiative, information will be electronically displayed during the workshop. If you prefer a hardcopy of the documentation, please print the information from the Enhanced Regulatory Outreach Program (EROP) website (<http://www.maricopa.gov/regulations>) to bring with you to the meeting. If you prefer a Word version of any or all of the draft rules, please contact Kathleen Sommer at 602-506-6706 or kathleensommer@mail.maricopa.gov.

Additional information about AQ-2013-005-New Source Review and links to the current Maricopa County Air Pollution Control Regulations are available at: <http://www.maricopa.gov/regulations>. At any time, you can submit comments about AQ-2013-005-New Source Review and the rulemaking process at: <http://www.maricopa.gov/regulations/comments.aspx>.

Thank you for participating in the rulemaking process.

*When you arrive at 1001 North Central Avenue, please check-in in Suite #125 then proceed to the Floor 9 classroom.



REGULATION I - GENERAL PROVISIONS

RULE 100 GENERAL PROVISIONS AND DEFINITIONS

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~~Revised 07/13/88~~
~~Revised 10/01/90~~
~~Revised 06/22/92~~
~~Revised 11/16/92~~
~~Repealed and Adopted 11/15/93~~
~~Revised 02/15/95~~
~~Revised 04/03/96~~
~~Revised 06/19/96~~
~~Revised 03/04/98~~
~~Revised 05/20/98~~
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~~Revised 03/07/01~~
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~~Revised 11/06/02~~
~~Revised 03/15/06~~
~~Revised 06/06/07~~
~~Revised 09/25/13~~

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**MARICOPA COUNTY
AIR POLLUTION CONTROL REGULATIONS
REGULATION I - GENERAL PROVISIONS**

**RULE 100
GENERAL PROVISIONS AND DEFINITIONS**

SECTION 100 - GENERAL

- 101 DECLARATION OF INTENT:** The Maricopa County Air Pollution Control Regulations prevent, reduce, control, correct, or remove regulated air pollutants originating within the territorial limits of Maricopa County and carry out the mandates of Arizona Revised Statutes (ARS), Title 49-The Environment.
- 102 LEGAL AUTHORITY:** These rules are adopted under the authority granted by ARS §49-479.
- 103 VALIDITY:** If any section, subsection, clause, phrase, or provision of these rules is held to be invalid for any reason, such decision shall not affect the validity of the remaining portion.
- 104 CIRCUMVENTION:** A person shall not build, erect, install, or use any article, machine, equipment, condition, or any contrivance, the use of which, without resulting in a reduction in the total release of regulated air pollutants to the



atmosphere, conceals or dilutes an emission which would otherwise constitute a violation of these rules. No person shall circumvent these rules to dilute regulated air pollutants by using more emission openings than is considered normal practice by the industry or activity in question.

- 105 RIGHT OF INSPECTION OF PREMISES:** The Control Officer, during reasonable hours, for the purpose of enforcing and administering these rules or any provision of ARS relating to the emission or control prescribed pursuant thereto, may enter every building, premises, or other place, except the interior of structures used as private residences. In the event that consent to enter for inspection purposes has been refused or circumstances justify the failure to seek such consent, special inspection warrants may be issued by a magistrate. Every person is guilty of a petty offense under ARS §49-488 who in any way denies, obstructs, or hampers such entrance or inspection that is lawfully authorized by warrant.
- 106 RIGHT OF INSPECTION OF RECORDS:** When the Control Officer has reasonable cause to believe that any person has violated or is in violation of any provision of this rule, any rule adopted under this rule, or any requirement of a permit issued under this rule, the Control Officer may request, in writing, that such person produce all existing books, records, and other documents evidencing tests, inspections, or studies which may reasonably relate to compliance or non-compliance with rules adopted under this rule. No person shall fail nor refuse to produce all existing documents required in such written request by the Control Officer.
- 107 ADVISORY COUNCIL:** An Advisory Council appointed by the Board of Supervisors may advise and consult with the Board of Supervisors, the Maricopa County Air Quality Department, and the Control Officer in effecting the mandates of ARS Title 49.
- 108 HEARING BOARD:** The Board of Supervisors shall appoint a 5-member hearing board knowledgeable in the field of air pollution. At least three members shall not have a substantial interest, as defined in ARS §38-502(11), in any person required to obtain an air pollution permit or subject to enforcement orders issued under these rules. Each member shall serve a term of three years.
- 109 ANTI-DEGRADATION:** The standards in these rules shall not be construed as permitting the preventable degradation of air quality in any area of Maricopa County.
- 110 AVAILABILITY OF POLLUTION INFORMATION:** The public shall be informed on a daily basis of average daily concentration of three pollutants: particulates, carbon monoxide, and ozone. This information shall be disseminated through the use of electronic media, newspapers, radio, and television. The levels



of each pollutant shall be expressed through the use of the Air Quality Index (AQI) and a written copy of such information shall be made available at the office of the Maricopa County Air Quality Department, 1001 North Central Avenue, Suite ~~400-125~~, Phoenix, Arizona, 85004, ~~602-506-6010~~.

111 ANNUAL REASONABLE FURTHER PROGRESS (RFP) REPORT: Each year, the department shall prepare or assist in the preparation of a report on the progress in implementation of nonattainment area plans. shall be produced by the department each year. The primary function of the report is to review the implementation schedules for control measures and emission reduction forecasts in the nonattainment area plans. ~~The annual report will be made available to the public at the offices of Maricopa County Air Quality Department, 1001 North Central Avenue, Phoenix, Arizona, 85004, 602-506-6010.~~

112 AVAILABILITY OF INFORMATION: Copies of 40 CFR 51, Subpart A, Appendix A, Table 2A are available at 1001 North Central Avenue, Suite ~~695 125~~, Phoenix, Arizona, 85004, ~~or call 602-506-6010 for information.~~

SECTION 200 - DEFINITIONS: To aid in the understanding of these rules, the following general definitions are provided. Additional definitions, as necessary, can be found in each rule of the Maricopa County Air Pollution Control Regulations.

200.1 AAC: Arizona Administrative Code.

R18-2-101(1)

200.2 ACT: The Clean Air Act of 1963 (P.L. 88-206; 42 United States Code sections 7401 through 7671q), as amended ~~by the Clean Air Act Amendments of 1990 (P.L.101-549):~~ through December 31, 2011 (and no future editions).

R18-2-101(2)

200.3 ACTUAL EMISSIONS: The actual rate of emissions of a regulated NSR pollutant from an emissions unit, as determined in Section 200.3(a) through Section 200.3(e) of this rule:

- a. In general, actual emissions as of a particular date shall equal the average rate, in tons per year, at which the ~~emissions~~ unit actually emitted the pollutant during a ~~2-year~~ consecutive 24-month period that precedes the particular date and that is representative of normal source operation. The Control Officer may allow the use of a different time period upon a ~~demonstration~~ determination that it is more representative of normal source operation. Actual emissions shall be calculated using the emissions unit's actual operating hours, production rates, and types of materials processed, stored, or combusted during the selected time period.



- b. ~~If there is inadequate information to determine actual historical emissions, then the~~ The Control Officer may presume that source-specific allowable emissions for the ~~emissions~~ unit are equivalent to the actual emissions of the ~~emissions~~ unit.
- c. For any emissions unit at a Title V source, ~~other than an electric utility steam generating unit described in Section 200.3(e) of this rule~~ that has not begun normal operations on the particular date, actual emissions shall equal the unit's potential to emit on that date.
- d. For any emissions unit at a Non-Title V source that has not begun normal operations on the particular date, actual emissions shall be based on applicable control equipment requirements and projected conditions of operation.
- e. ~~For an electric utility steam generating unit (other than a new unit or the replacement of an existing unit), actual emissions of the unit, following the physical or operational change, shall equal the representative actual annual emissions of the unit, if the source owner and/or operator maintains and submits to the Control Officer on an annual basis, for a period of five years from the date the unit resumes regular operation, information demonstrating that the physical or operational change did not result in an emissions increase. A longer period, not to exceed 10 years, may be required by the Control Officer, if the Control Officer determines the longer period to be more representative of normal source post-change operations. This definition shall not apply for calculating whether a significant emissions increase has occurred, or for establishing a PAL. Instead, projected actual emissions and baseline actual emissions in Rule 240 of these rules shall apply for those purposes.~~

- 200.4 ADMINISTRATOR:** The Administrator of the United States Environmental Protection Agency.
- 200.5 ADVISORY COUNCIL:** The Maricopa County Air Pollution Control Advisory Council appointed by the Maricopa County Board of Supervisors.
- 200.6 AFFECTED FACILITY:** With reference to a stationary source, any apparatus to which a standard is applicable.
- 200.7 AFFECTED SOURCE:** A source that includes one or more emissions units which are subject to emission reduction requirements or limitations under Title IV-Acid Deposition Control of the Act.
- 200.8 AFFECTED STATE:** Any State whose air quality may be affected and that is contiguous to Arizona or that is within 50 miles of the permitted source.



200.9 AIR CONTAMINANT: Includes smoke, vapors, charred paper, dust, soot, grime, carbon, fumes, gases, sulfuric acid mist aerosols, aerosol droplets, odors, particulate matter, windborne matter, radioactive materials, noxious chemicals, or any other material in the outdoor atmosphere.

200.10 AIR POLLUTION: The presence in the outdoor atmosphere of one or more air contaminants, or combinations thereof, in sufficient quantities, which either alone or in connection with other substances, by reason of their concentration and duration, are or tend to be injurious to human, plant, or animal life, or causes damage to property, or unreasonably interferes with the comfortable enjoyment of life or property of a substantial part of a community, or obscures visibility, or which in any way degrades the quality of the ambient air below the standards established by the Board of Supervisors.

200.11 AIR POLLUTION CONTROL EQUIPMENT: Equipment used to eliminate, reduce, or control the emission of air pollutants into the ambient air.

R18-2-101(13)

200.12 ALLOWABLE EMISSIONS: The emission rate of a stationary source calculated using both the maximum rated capacity of the source (unless the source is subject to federally enforceable limits which restrict the operating rate or hours of operation ~~or both~~) and the most stringent of the following:

- a. ~~The applicable New Source Performance Standards as described in Rule 360 of these rules or the Federal Hazardous Air Pollutant Program as described in Rule 370 of these rules;~~ standards as set forth in 40 CFR 60, 61 or 63; or
- b. The applicable existing source performance standard as approved for the State Implementation Plan (SIP); or
- c. The emissions rate specified in any federally promulgated rule or federally enforceable permit ~~condition~~ conditions applicable to the stationary source.

200.13 AMBIENT AIR: That portion of the atmosphere, external to buildings, to which the general public has access.

200.14 AP-42: The EPA document "Compilation of Air Pollutant Emission Factors," as incorporated by reference in Appendix G of these rules.

R18-2-101(15)

200.15 APPLICABLE IMPLEMENTATION PLAN: Those provisions of the State Implementation Plan (SIP) approved by the Administrator or a Federal



Implementation Plan (FIP) promulgated ~~under~~ for Arizona or any portion of Arizona in accordance with Title I-Air Pollution Prevention And Control of the Act.

200.16 APPLICABLE REQUIREMENT: Applicable requirement means any of the following:

- a. Any federal applicable requirement as defined in Section 200.49 of this rule.
- b. Any other requirement established under the Maricopa County Air Pollution Control Regulations or ARS Title 49, Chapter 3, Articles 1, 3, 7, and 8.

200.17 **“ARIZONA TESTING MANUAL”:** Sections 1 and 7 of the Arizona Testing Manual for Air Pollutant Emissions amended as of March 1992 (and no future editions).

~~200.17~~ **200.18** **APPROVED:** Approved in writing by the Maricopa County Air Pollution Control Officer.

~~200.18~~ **200.19** **AREA SOURCE:** Any stationary source that is not a major source. For purposes of these rules, the term "area source" shall not include motor vehicles or nonroad vehicles subject to regulation under Title II-Emission Standards For Moving Sources of the Act.

~~200.19~~ **200.20** **ARS:** The Arizona Revised Statutes. The titles of the most frequently used ARS references in these rules are listed below:

ARS §38-502(11)	Public Officers And Employees, Conduct Of Office, Conflict Of Interest Of Officers And Employees, Definitions, Substantial Interest
ARS Title 49	The Environment
ARS Title 49, Chapter 3	The Environment, Air Quality
ARS Title 49, Chapter 4	The Environment, Solid Waste Management
ARS §49-109	The Environment, General Provisions, Department Of Environmental Quality, Certificate Of Disclosure Of Violations; Definition; Remedies
ARS §49-401	The Environment, Air Quality, General Provisions, Declaration Of Policy
ARS §49-426	The Environment, Air Quality, State Air Pollution Control, Permits; Duties Of Director; Exceptions; Applications; Objections; Fees
ARS §49-426.04	The Environment, Air Quality, State Air Pollution Control, State List Of Hazardous Air Pollutants



ARS §49-426.05	The Environment, Air Quality, State Air Pollution Control, Designation Of Sources Of Hazardous Air Pollutants
ARS §49-429	The Environment, Air Quality, State Air Pollution Control, Permit Transfers; Notice; Appeal
ARS §49-464	The Environment, Air Quality, State Air Pollution Control, Violation; Classification; Penalties; Definition
ARS §49-473	The Environment, Air Quality, County Air Pollution Control, Board Of Supervisors
ARS §49-476.01	The Environment, Air Quality, County Air Pollution Control, Monitoring
ARS §49-478	The Environment, Air Quality, County Air Pollution Control, Hearing Board
ARS §49-480	The Environment, Air Quality, County Air Pollution Control, Permits; Fees
ARS §49-480.03	The Environment, Air Quality, County Air Pollution Control, Federal Hazardous Air Pollutant Program; Date Specified By Administrator; Prohibition
ARS §49-480.04	The Environment, Air Quality, County Air Pollution Control, County Program For Control Of Hazardous Air Pollutants
ARS §49-482	The Environment, Air Quality, County Air Pollution Control, Appeals To Hearing Board
ARS §49-483	The Environment, Air Quality, County Air Pollution Control, Permit Transfers; Notice; Appeal
ARS §49-487	The Environment, Air Quality, County Air Pollution Control, Classification And Reporting; Confidentiality Of Records
ARS §49-488	The Environment, Air Quality, County Air Pollution Control, Special Inspection Warrant
ARS §49-490	The Environment, Air Quality, County Air Pollution Control, Hearings On Orders Of Abatement
ARS §49-498	The Environment, Air Quality, County Air Pollution Control, Notice Of Hearing; Publication; Service
ARS §49-501	The Environment, Air Quality, County Air Pollution Control, Unlawful Open Burning; Definition; Exceptions; Fine
ARS §49-511	The Environment, Air Quality, County Air Pollution Control, Violations, Order Of Abatement
ARS §49-514	The Environment, Air Quality, County Air Pollution Control, Violation; Classification; Definition

~~200.20~~ **200.21** ASME: The American Society of Mechanical Engineers.

~~200.21~~ **200.22** ASTM: The American Society for Testing and Materials.



R18-2-101(19)

~~200.22~~ 200.23

ATTAINMENT AREA: ~~An area so designated by the Administrator, acting under Section 107 Air Quality Control Regions of the Act, as having ambient air pollutant concentrations equal to or less than national primary or secondary ambient air quality standards for a particular pollutant or pollutants. Any area in the state that has been identified in regulations promulgated by the Administrator as being in compliance with national ambient air quality standards.~~

R18-2-101(20)

See also ADEQ's response to Comment #1

~~200.23~~ 200.24

BEGIN ACTUAL CONSTRUCTION: ~~In general, initiation~~ Initiation of physical on-site construction activities on an emissions unit, which are of a permanent nature. ~~Such activities include installation of building supports and foundations, laying of underground pipework, and construction of permanent storage structures.~~ With respect to a change in method of operation, “begin actual construction” refers to those on-site activities, other than preparatory activities, which mark the initiation of change.

- a.** For purposes of title I, parts C and D and section 112 of the Act, and for purposes of applicants that require permits containing limits designed to avoid the application of title I, parts C and D and section 112 of the Act, these activities include installation of building supports and foundations, laying of underground pipe work, and construction of permanent storage structures but do not include any of the following, subject to Section 200.24(c) of this rule:
- (1)** Clearing and grading, including demolition and removal of existing structures and equipment, stripping and stockpiling of topsoil.
 - (2)** Installation of access roads, driveways and parking lots.
 - (3)** Installation of ancillary structures, including fences, office buildings and temporary storage structures, that are not a necessary component of an emissions unit or associated air pollution control equipment for which the permit is required.
 - (4)** Ordering and on-site storage of materials and equipment.
- b.** For purposes other than those identified in Section 200.24(a) of this rule, these activities do not include any of the following, subject to Section 200.24(c) of this rule:



- (1) Clearing and grading, including demolition and removal of existing structures and equipment, stripping and stockpiling of topsoil and earthwork cut and fill for foundations.
 - (2) Installation of access roads, parking lots, driveways and storage areas.
 - (3) Installation of ancillary structures, including fences, warehouses, storerooms and office buildings, provided none of these structures impacts the design of any emissions unit or associated air pollution control equipment.
 - (4) Ordering and on-site storage of materials and equipment.
 - (5) Installation of underground pipework, including water, sewer, electric and telecommunications utilities.
 - (6) Installation of building and equipment supports, including concrete forms, footers, pilings, foundations, pads and platforms, provided none of these supports impacts the design of any emissions unit or associated air pollution control equipment.
- c.** An applicant’s performance of any activities that are excluded from the definition of “begin actual construction” under Sections 200.24 (a) or (b) of this rule shall be at the applicant’s risk and shall not reduce the applicant’s obligations under these rules. The Control Officer shall evaluate an application for a permit or permit revision and make a decision on the same basis as if the activities allowed under Sections 200.24 (a) or (b) of this rule had not occurred.

~~200.24~~**200.25**

BEST AVAILABLE CONTROL TECHNOLOGY (BACT): An emissions limitation, based on the maximum degree of reduction for each pollutant, subject to regulation under the Act, which would be emitted from any proposed stationary source or modification, which the Control Officer, on a case-by-case basis, taking into account energy, environmental, and economic impacts and other costs, determines is achievable for such source or modification through application of production processes or available methods, systems, and techniques, including fuel cleaning or treatment or innovative fuel combination techniques for control of such pollutant. Under no circumstances shall BACT be determined to be less stringent than the emission control required by an applicable provision of these rules or of any State or Federal laws (“Federal laws” include the EPA approved State Implementation Plan (SIP)). If the Control Officer determines that technological or economic limitations on the application of measurement methodology to a particular emissions unit would make the imposition of an



emissions standard infeasible, a design, equipment, work practice, operational standard, or combination thereof may be prescribed instead to satisfy the requirement for the application of BACT. Such standard shall, to the degree possible, set forth the emissions reduction achievable by implementation of such design, equipment, work practice or operation, and shall provide for compliance by means which achieve equivalent results.

~~200.25~~200.26 **BRITISH THERMAL UNIT (BTU):** The quantity of heat required to raise the temperature of one pound of water one degree Fahrenheit (°F) at 39.1°F.

~~200.26~~200.27 **BUILDING, STRUCTURE, FACILITY, OR INSTALLATION:** All the pollutant-emitting equipment and activities that belong to the same industrial grouping, that are located on one or more contiguous or adjacent properties, and that are under the control of the same person or persons under common control, except the activities of any vessel. Pollutant-emitting activities shall be considered as part of the same industrial grouping if they belong to the same "Major Group" as described in the "Standard Industrial Classification Manual, 1987".

200.28 **CATEGORICAL SOURCES:** The following classes of sources:

- a. Coal cleaning plants with thermal dryers;
- b. Kraft pulp mills;
- c. Portland cement plants;
- d. Primary zinc smelters;
- e. Iron and steel mills;
- f. Primary aluminum ore reduction plants (with thermal dryers);
- g. Primary copper smelters;
- h. Municipal incinerators capable of charging more than 50 tons of refuse per day;
- i. Hydrofluoric, sulfuric, or nitric acid plants;
- j. Petroleum refineries;
- k. Lime plants;
- l. Phosphate rock processing plants;



- m. Coke oven batteries;
- n. Sulfur recovery plants;
- o. Carbon black plants using the furnace process;
- p. Primary lead smelters;
- q. Fuel conversion plants;
- r. Sintering plants;
- s. Secondary metal production plants;
- t. Chemical process plants, which shall not include ethanol production facilities that produce ethanol by natural fermentation included in North American Industry Classification System codes 325193 or 312140;
- u. Fossil-fuel boilers, or combinations thereof, totaling more than 250 million British thermal units (BTU) per hour heat input;
- v. Petroleum storage and transfer units with a total storage capacity more than 300,000 barrels;
- w. Taconite preprocessing plants;
- x. Glass fiber processing plants;
- y. Charcoal production plants;
- z. Fossil fuel-fired steam electric plants and combined cycle gas turbines of more than 250 million BTU per hour rated heat input;
- aa. Any other stationary source category which, as of August 7, 1980, is being regulated under Section 111-Standards Of Performance For New Stationary Sources of the Act or under Section 112-National Emission Standards For Hazardous Air Pollutants of the Act.

R18-2-101(25)

~~200.27~~**200.29** **CFR:** The United States Code of Federal Regulations-, amended as of July 1, 2011, (and no future editions), with standard references in these rules by Title and Part, so that “40 CFR 51” means “Title 40 of the Code of Federal Regulations, Part 51.”

~~200.28~~**200.30** **CIRCUMSTANCES OUTSIDE THE CONTROL OF THE SOURCE:**
Shall include, but not be limited to, circumstances where a violation resulted



from a sudden and unavoidable breakdown of the process or the control equipment, resulted from unavoidable conditions during a startup or shutdown, or resulted from upset of operations.

~~200.29~~200.31

CLEAN COAL TECHNOLOGY: Any technology, including technologies applied at the pre-combustion, combustion, or post-combustion stage, at a new or existing facility that will achieve significant reductions in air emissions of sulfur dioxide or oxides of nitrogen associated with the utilization of coal in the generation of electricity or process steam that was not in widespread use as of November 15, 1990.

~~200.30~~200.32

CLEAN COAL TECHNOLOGY DEMONSTRATION PROJECT: A project using funds appropriated under the heading “Department Of Energy-Clean Coal Technology”, up to a total amount of \$2,500,000,000 for commercial demonstration of clean coal technology or similar projects, funded through appropriations for the Environmental Protection Agency. The Federal contribution for a qualifying project shall be at least 20% of the total cost of the demonstration project.

R18-2-101(31)

~~200.31~~200.33

COMMENCE: As applied to construction of a major source or a major modification, that the owner and/or operator has all necessary preconstruction approvals or permits and has either:

- a. Begun, or caused to begin, a continuous program of actual on-site construction of the source, to be completed within a reasonable time; or
- b. Entered into binding agreements or contractual obligations, which cannot be canceled or modified without substantial loss to the owner and/or operator, to undertake a program of actual construction of the source to be completed within a reasonable time.

R18-2-301(5)

~~200.32~~200.34

COMPLETE: In reference to an application for a permit or permit revision, “complete” means that the application contains all the information necessary for processing the application. Designating an application complete for purposes of permit or permit revision, processing does not preclude the Control Officer from requesting nor from accepting any additional information.

~~200.33~~200.35

CONSTRUCTION: Any physical change or change in the method of operation, including fabrication, erection, or installation, demolition, or



modification of an emissions unit, which would result in a change in actual emissions.

- 200.36** **CONTINUOUS MONITORING SYSTEM:** A CEMS, CERMS, or CPMS.
- 200.37** **CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS):** The total equipment, required under the emission monitoring provisions in these rules, used to sample, condition (if applicable), analyze, and to provide, on a continuous basis, a permanent record of emissions.
- 200.38** **CONTINUOUS EMISSIONS RATE MONITORING SYSTEM (CERMS):** The total equipment required for the determination and recording of the pollutant mass emissions rate (in terms of mass per unit of time).
- 200.39** **CONTINUOUS PARAMETER MONITORING SYSTEM (CPMS):** The total equipment required under the emission monitoring provisions in these rules to monitor process or control device operational parameters or other information and to provide, on a continuous basis, a permanent record of monitored values.
- 200.40** **CONVENTIONAL AIR POLLUTANT:** Any pollutant for which the Administrator has promulgated a primary or secondary national ambient air quality standard.
- ~~200.34~~**200.41** **CONTROL OFFICER:** The executive head of the department authorized or designated to enforce air pollution regulations, the executive head of an air pollution control district established under ARS §49-473, or the designated agent.
- ~~200.35~~**200.42** **DEPARTMENT:** The Maricopa County Air Quality Department.
- ~~200.36~~**200.43** **DIRECTOR:** The director of the Arizona Department Of Environmental Quality (ADEQ).
- ~~200.37~~**200.44** **DISCHARGE:** The release or escape of an effluent into the atmosphere from a source.
- ~~200.38~~**200.45** **DIVISION:** The Division no longer exists; consequently, all references in these rules to Division refer to Department.
- ~~200.39~~**200.46** **DUST GENERATING OPERATION:** Any activity capable of generating fugitive dust, including but not limited to, land clearing, maintenance, and land clean-up using mechanized equipment, earthmoving, weed abatement by discing or blading, excavating, construction, demolition, bulk material handling (e.g., bulk material hauling and/or transporting, bulk material stacking, loading, and unloading operations), storage and/or transporting



operations (e.g., open storage piles), ~~vehicle use and movement~~, the operation of any outdoor equipment, ~~or unpaved parking lots~~. the operation of motorized machinery, establishing and/or using staging areas, parking areas, material storage areas, or access routes to and from a site, establishing and/or using unpaved haul/access roads to, from, and within a site, disturbed surface areas associated with a site, and installing initial landscapes using mechanized equipment. For the purpose of this ~~rule~~ definition, landscape maintenance and playing on or maintaining a field used for non-motorized sports shall not be considered a dust generating operation. However, landscape maintenance shall not include grading, trenching, or any other mechanized surface disturbing activities performed to establish initial landscapes or to redesign existing landscapes.

~~200.40~~200.47 **EFFLUENT:** Any air contaminant which is emitted and subsequently escapes into the atmosphere.

~~200.41~~200.48 **ELECTRIC UTILITY STEAM GENERATING UNIT:** Any steam electric generating unit that is constructed for the purpose of supplying more than 1/3 of its potential electric output capacity and more than 25 MW electric output to any utility power distribution system for sale. Any steam supplied to a steam distribution system, for the purpose of providing steam to a steam-electric generator that would produce electrical energy for sale, is also considered in determining the electrical energy output capacity of the affected facility.

~~200.42~~200.49 **EMISSION STANDARD:** The definition of emission standard, as summarized from ARS §49-514(T) and ARS §49-464(V), is: A numeric limitation on the volume or concentration of air pollutants in emissions from a source or a specific design, equipment, or work practice standard, the purpose of which is to eliminate or reduce the volume or concentration of pollutants emitted by a source. The term emission standard does not include opacity standards. Violations of emission standards shall be determined in the manner prescribed by the applicable regulations issued by the Administrator or the Director or the Control Officer.

R18-2-101(48)

~~200.43~~200.50 **EMISSIONS UNIT:** Any part of a stationary source which emits or would have the potential to emit any regulated air pollutant and includes an electric steam generating unit.

~~200.44~~200.51 **EPA:** The United States Environmental Protection Agency.

~~200.45~~200.52 **EQUIVALENT METHOD:** Any method of sampling and analyzing for an air pollutant, which has been demonstrated to the Administrator's satisfaction



to have a consistent and quantitatively known relationship to the reference method, under specified conditions.

~~200.46~~200.53

EXCESS EMISSIONS: Emissions of an air pollutant in excess of an emission standard, as measured by the compliance test method applicable to such emission standard.

R18-2-101(41)

~~200.47~~200.54

EXISTING SOURCE:

- ~~a. A source in operation prior to the effective date of this rule, or a source on which the construction or modification has commenced and for which the Control Officer has granted a permit prior to the effective date of this rule.~~
- ~~b. When used in conjunction with a source subject to new source performance standards (NSPS), any source which does not have an applicable NSPS under Rule 360 New Source Performance Standards of these rules.~~

~~200.48~~200.55

FACILITY: The definition of facility is included in ~~Section 200.6 Definition Of Affected Facility of this rule and in Section 200.26 Definition Of Building, Structure, Facility Or Installation of this rule.~~ the definitions of “affected facility” and “building, structure, facility or installation” of this rule.

R18-2-101(51)

~~200.49~~200.56

FEDERAL APPLICABLE REQUIREMENT: Any of the following as ~~they~~ apply to emissions units covered by a Title V permit or a Non-Title V permit (including requirements that have been promulgated or approved by the EPA through rulemaking at the time of issuance but have future effective compliance dates):

- a.** Any standard or other requirement provided for in the applicable implementation plan approved or promulgated by the EPA through rulemaking under Title I-Air Pollution Prevention And Control of the Act that implements the relevant requirements of the Act, including any revisions to that plan promulgated in 40 CFR 52.
- b.** Any term or condition of any unitary permits issued under regulations approved or promulgated through rulemaking under Title I-Air Pollution Prevention And Control, including Parts C or D, of the Act.



- c. Any standard or other requirement under Section 111-Standards Of Performance For New Stationary Sources of the Act, includes Section 111(d).
- d. Any standard or other requirement under Section 112-National Emission Standards For Hazardous Air Pollutants of the Act, including any requirement concerning accident prevention under Section 112(r)(7) of the Act.
- e. Any standard or other requirement of the acid rain program under Title IV-Acid Deposition Control of the Act or the regulations promulgated thereunder and incorporated under Rule 371-Acid Rain of these rules.
- f. Any requirements established under Section 504(b)-Permit Requirements And Conditions or Section 114(a)(3)-Inspections, Monitoring, And Entry of the Act.
- g. Any standard or other requirement governing solid waste incineration under Section 129-Solid Waste Combustion of the Act.
- h. Any standard or other requirement for consumer and commercial products pursuant to Section 183(e)-Federal Ozone Measures of the Act.
- i. Any standard or other requirement for tank vessels pursuant to Section 183(f)-Federal Ozone Measures of the Act.
- j. Any standard or other requirement of the program to control air pollution from outer continental shelf sources under Section 328-Air Pollution From Outer Continental Shelf Activities of the Act.
- k. Any standard or other requirement of the regulations promulgated to protect stratospheric ozone under Title VI-Stratospheric Ozone Protection of the Act, unless the Administrator has determined that such requirements need not be contained in a Title V permit; and
- l. Any national ambient air quality standard or increment or visibility requirement under Part C-Prevention Of Significant Deterioration Of Air Quality of Title I-Air Pollution Prevention And Control of the Act, but only as it would apply to temporary sources permitted under Section 504(e)-Permit Requirements And Conditions of the Act.

~~200.50~~200.57

FEDERAL LAND MANAGER: With respect to any lands in the United States, the Secretary of the Department with authority over such lands.

R18-2-101(53)

See also ADEQ's responses to Comments #4 and #51



~~200.51~~**200.58**

FEDERALLY ENFORCEABLE: All limitations and conditions which are enforceable by the Administrator under the Act, including all of the following:

- a. All terms and conditions contained in a Title V permit, except those terms and conditions which have been specifically designated as not federally enforceable;
- b. The requirements of operating permit programs and permits issued under such permit programs which have been approved by the Administrator, including the requirements of State and County operating permit programs approved under Title V-Permits of the Act or under any new source review permit program;
- c. All limitations and conditions which are enforceable by the Administrator, including the requirements of the New Source Performance Standards (NSPS) and the National Emissions Standards for Hazardous Air Pollutants (NESHAPs) contained in these rules;
- d. The requirements of such other State or County rules or regulations approved by the Administrator for inclusion in the State Implementation Plan (SIP);
- e. The requirements of any federal regulation promulgated by the Administrator as part of the State Implementation Plan (SIP); and
- f. The requirements of State and County operating permit programs, other than Title V programs, which have been approved by the Administrator and incorporated into the applicable State Implementation Plan (SIP) under the criteria for federally enforceable State Operating Permit Programs set forth in 54, Federal Register 27274, dated June 28, 1989. Such requirements include permit terms and conditions which have been entered into voluntarily by a source under this rule and/or under Rule 220-Non-Title V Permit Provisions of these rules.
- g. Emissions limitations, controls, and other requirements, and any associated monitoring, recordkeeping, and reporting requirements, other than those designated as enforceable only by the department, that are included in a permit pursuant to Rule 201, Section 305 of these rules and Rule 220, Section 304 of these rules.

200.59 **FEDERALLY LISTED HAZARDOUS AIR POLLUTANT:** A pollutant listed pursuant to Rule 372, Section 309 of these rules.



- ~~200.52~~**200.60** **FINAL PERMIT:** The version of a permit issued by the Control Officer after completion of all review required by Maricopa County Air Pollution Control Regulations.
- ~~200.53~~**200.61** **FUEL OIL:** Number 2 through Number 6 fuel oils as specified in ASTM D-396-90a-Specification For Fuel Oils, gas turbine fuel oils Numbers 2-GT through 4-GT as specified in ASTM D-2880-90a-Specification For Gas Turbine Fuel Oils, or diesel fuel oils Numbers 2-D and 4-D as specified in ASTM D-975-90a-Specification For Diesel Fuel Oils.
- ~~200.54~~**200.62** **FUGITIVE EMISSION:** Any emission which could not reasonably pass through a stack, chimney, vent, or other functionally equivalent opening.
- 200.63** **HAZARDOUS AIR POLLUTANT (HAP):** Any federally listed hazardous air pollutant.
- ~~200.55~~**200.64** **HAZARDOUS AIR POLLUTANT REASONABLY AVAILABLE CONTROL TECHNOLOGY (HAPRACT):** An emissions standard for hazardous air pollutants which the Control Officer, acting pursuant to §49-480.04(C), determines is reasonably available for a source. In making the foregoing determination, the Control Officer shall take into consideration the estimated actual air quality impact of the standard, the cost of complying with the standard, the demonstrated reliability and widespread use of the technology required to meet the standard, and any non-air quality health and environmental impacts and energy requirements. For purposes of this definition, an emissions standard may be expressed as a numeric emissions limitation or as a design, equipment, work practice, or operational standard.
- ~~200.56~~**200.65** **INDIAN GOVERNING BODY:** The governing body of any tribe, band, or group of Indians subject to the jurisdiction of the United States and recognized by the United States as possessing power of self-government.
- ~~200.57~~**200.66** **INDIAN RESERVATION:** Any federally recognized reservation established by Treaty, Agreement, Executive Order, or Act of Congress.
- ~~200.58~~**200.67** **INSIGNIFICANT ACTIVITY:** ~~For the purpose of this rule, an insignificant activity shall be any activity, process, or emissions unit that is not subject to a source specific applicable requirement, that emits no more than 0.5 ton per year of hazardous air pollutants (HAPs) and no more than two tons per year of a regulated air pollutant, and that is either included in Appendix D-List of Insignificant Activities of these rules or is approved as an insignificant activity under Rule 200 Permit Requirements of these rules. Source specific applicable requirements include requirements for which emissions unit specific information is needed to determine applicability. Any of the following activities:~~



a. Food Processing Equipment:

- (1)** Any confection cooker and associated venting or control equipment cooking edible products intended for human consumption.
- (2)** Any oven in a food processing operation where less than 1,000 pounds of product are produced per day of operation.

b. General Combustion Activities:

- (1)** All natural gas and/or liquefied petroleum gas-fired pieces of equipment over 300,000 BTU per hour, only if the input capacities added together are less than 2,000,000 BTU per hour, the emissions come from fuel burning, and the equipment is used solely for heating buildings for personal comfort or for producing hot water for personal use.
- (2)** Any oil-fueled heating piece of equipment (except off-spec. oil) with a maximum rate input capacity or an aggregate input capacity of less than:
 - (a)** 500,000 BTU/hour if only emissions came from fuel burning, or
 - (b)** 1,000,000 BTU/hour if only emissions came from fuel burning and the equipment is used solely for heating buildings for personal comfort or for producing hot water for personal use.

c. Surface Coating And Printing Equipment: Any equipment or activity using no more than one gallon per day of surface coating or any combination of surface coating and solvent, which contains either VOC or hazardous air pollutants (HAPs) or both.

d. Solvent Cleaning Equipment: Any non-vapor cleaning machine (degreaser) or dip-tank having a liquid surface area of 1 square foot (0.09 square meters) or less, or having a maximum capacity of 1 gallon (3.79 liters) or less.

e. Internal Combustion (IC) Equipment:

- (1)** IC engine-driven compressors, IC engine-driven electrical generator sets, and IC engine-driven water pumps used only for emergency replacement or standby service (including testing of same), not to exceed 4,000 pounds of NO_x and CO at 500 hours of operation per year.



(2) Any piston-type IC engine with a manufacturer’s maximum continuous rating of no more than 50 brake horsepower (bhp).

f. Laboratories And Pilot Plants: Lab equipment used exclusively for chemical and physical analyses.

g. Storage And Distribution:

(1) Chemical or petroleum storage tanks or containers that hold 250 gallons or less and would have emissions of a regulated air pollutant.

(2) Any emissions unit, operation, or activity that handles or stores no more than 12,000 gallons of a liquid with a vapor pressure less than 1.5 psia.

(3) Any equipment used exclusively for the storage of unheated organic material with: (1) an initial boiling point of 150° Centigrade (C) (302° Fahrenheit (F)) or greater, as determined by ASTM test method 1078-86; or (2) a vapor pressure of no more than 5 millimeters mercury (mmHg) (0.1 pound per square inch (psi) absolute), as determined by ASTM test method D-2879-86.

(4) Any equipment with a capacity of no more than 4,200 gallons (100 barrels) used exclusively to store oil with specific gravity 0.8762 or higher (30° API or lower), as measured by API test method 2547 or ASTM test method D-1298-80.

(5) Any equipment used exclusively for the storage of liquefied gases in unvented pressure vessels, except for emergency pressure-relief valves.

(6) Any equipment used exclusively to compress or hold dry natural gas. Any ICE or other equipment associated with the dry natural gas should not be considered an insignificant activity, unless such ICE or other equipment independently qualifies as an insignificant activity.

(7) Any equipment used exclusively for the storage of fresh, commercial, or purer grade of: (1) sulfuric or phosphoric acid with acid content of no more than 99% by weight; or (2) nitric acid with acid content of no more than 70% by weight.

h. Miscellaneous Activities:



- (1)** Any blast cleaning equipment using a suspension of abrasive material in water and the control equipment venting such blast cleaning equipment.
- (2)** Cooling towers: Any water cooling tower which: (1) has a circulation rate of less than 10,000 gallons per minute; and (2) is not used to cool process water, water from barometric jets, or water from barometric condensers.
- (3)** Batch mixers with rated capacity of 5 cubic feet or less.
- (4)** Wet sand and gravel production facilities that obtain material from subterranean and subaqueous beds, whose production rate is 200 tons per hour or less, and 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 non-metallic minerals.
- (5)** Any other activity which meets all of the following requirements:

 - (a)** Is not otherwise subject to a source-specific applicable requirement.
 - (b)** Is not needed to determine all applicable requirements, compliance status, or fee amounts.
 - (c)** Is approved by the Control Officer and the Administrator of the Environmental Protection Agency (EPA).
 - (d)** Any brazing, soldering, welding, or cutting torch equipment used in manufacturing and construction activities and with the potential to emit hazardous air pollutant (HAP) metals, provided the total emissions of HAPs do not exceed 0.5 ton per year.
 - (e)** 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.
 - (f)** Any aerosol can puncturing or crushing operation that processes less than 500 cans per day provided such operation uses a closed loop recovery system.



- (g) Any laboratory fume hood or vent provided such equipment is used exclusively for the purpose of teaching, research, or quality control.

R18-2-101(74)

See also ADEQ's response to Comments #7 and #9

See also ADEQ's rule R18-2-404(E) for nonattainment

See also ADEQ's rule R18-2-406 (C) for PSD

~~200.59~~200.68

MAJOR MODIFICATION: ~~Any physical change or change in the method of operation of a major source that would result in a significant net emissions increase of any regulated air pollutant.~~

- a. ~~Any net emissions increase that is significant for VOCs shall be considered significant for ozone.~~ Any physical change in or change in the method of operation of a major source that would result in both a significant emissions increase of any regulated NSR pollutant and a significant net emissions increase of that pollutant from the stationary source.
- b. ~~Any emissions increase or net emissions increase that is significant for oxides of nitrogen shall be considered significant for ozone nonattainment areas classified as marginal, moderate, serious, or severe~~ nitrogen oxides or volatile organic compounds is significant for ozone.
- c. For the purposes of this definition, none of the following shall not be considered is a physical change or a change in the method of operation:
- (1) Routine maintenance, repair, and replacement;
 - (2) Use of an alternative fuel or raw material by reason of an order under Sections 2(a) and (b) of the Energy Supply and Environmental Coordination Act of 1974, 15 U.S.C. §792, or by reason of a natural gas curtailment plan under the Federal Power Act, 16 U.S.C. §792 - 825r;
 - (3) Use of an alternative fuel by reason of an order or rule under Section 125-Measures To Prevent Economic Disruption Or Unemployment of the Act;
 - (4) Use of an alternative fuel at a steam generating unit to the extent that the fuel is generated from municipal solid waste;
 - (5) Use of an alternative fuel or raw material by a stationary source that either:



- (a) The source was capable of accommodating before December 12, 1976, unless the change would be prohibited under any federally enforceable permit condition established after December 12, 1976, under 40 CFR 52.21, or under Rule 200-Permit Requirements, Rule 210-Title V Permit Provisions, Rule 240-~~Permits For New Major Sources And Major Modifications To Existing Major Sources~~ Federal Major New Source Review (NSR), Rule 245-Continuous Source Emission Monitoring, and Rule 270-Performance Tests of these rules; or
- (b) The source is approved to use under any permit issued under 40 CFR 52.21, or under Rule 200-Permit Requirements, Rule 210-Title V Permit Provisions, Rule 240-~~Permits For New Major Sources And Major Modifications To Existing Major Sources~~ Federal Major New Source Review (NSR), Rule 245-Continuous Source Emission Monitoring, and Rule 270-Performance Tests of these rules;
- (6) An increase in the hours of operation or in the production rate, unless the change would be prohibited under any federally enforceable permit condition established after December 12, 1976, under 40 CFR 52.21, or under Rule 200-Permit Requirements, Rule 210-Title V Permit Provisions, Rule 240-~~Permits For New Major Sources And Major Modifications To Existing Major Sources~~ Federal Major New Source Review (NSR), Rule 245-Continuous Source Emission Monitoring, and Rule 270-Performance Tests of these rules;
- (7) Any change in ownership at a stationary source;
- (8) ~~The addition, replacement, or use of a pollution control project at an existing electric utility steam generating unit, unless the Control Officer determines that the addition, replacement, or use renders the unit less environmentally beneficial, or except:~~
- (a) ~~When the Control Officer has reason to believe that the pollution control project would result in a significant net increase in representative actual annual emissions of any criteria pollutant over levels used for that source in the most recent Title I air quality impact analysis in the area, if any, and~~
- (b) ~~The Control Officer determines that the increase will cause or contribute to a violation of any national ambient air quality standard, prevention of significant deterioration (PSD) increment, or visibility limitation;~~



~~(9)~~ **(8)** The installation, operation, cessation, or removal of a temporary clean coal technology demonstration project, if the project complies with:

(a) The State Implementation Plan (SIP); and

(b) Other requirements necessary to attain and maintain the national ambient air quality standards during the project and after it is terminated;

~~(10)~~ **(9)** For electric utility steam generating units located in attainment and unclassified areas only, the installation or operation of a permanent clean coal technology demonstration project that constitutes repowering, if the project does not result in an increase in the potential to emit of any regulated pollutant emitted by the unit. This exemption shall apply on a pollutant-by-pollutant basis; and

~~(11)~~ **(10)** For electric utility steam generating units located in attainment and unclassified areas only, the reactivation of a very clean coal-fired electric utility steam generating unit.

d. This definition shall not apply with respect to a particular regulated NSR pollutant when the major source is complying with the requirements of [reference to Plantwide Applicability Limitations (PALs)] and the definition of PAL major modification to be inserted here].

R18-2-101(75)

~~200.60~~ **200.69** **MAJOR SOURCE:** A source that meets any of the following criteria:

a. A major source as defined in Rule 240-~~Permits For New Major Sources And Major Modifications To Existing Major Sources~~ Federal Major New Source Review (NSR) of these rules.

b. A major source under Section 112-National Emission Standards For Hazardous Air Pollutants of the Act:

(1) For pollutants other than radionuclides, any stationary source that emits or has the potential to emit, in the aggregate, including fugitive emissions, 10 tons per year (tpy) or more of any hazardous air pollutant which has been listed under Section 112(b) of the Act, 25 tpy or more of any combination of such hazardous air pollutants, or such lesser quantity as described in Title 18-Environmental Quality, Chapter 2-Department Of Environmental Quality Air Pollution Control, Article 11-Federal Hazardous Air Pollutants of the Arizona Administrative Code. Notwithstanding the preceding sentence,



emissions from any oil or gas exploration or production well (with its associated equipment) and emissions from any pipeline compressor or pump station shall not be aggregated with emissions from other similar units, whether or not such units are in a contiguous area or under common control, to determine whether such units or stations are major sources; or

(2) For radionuclides, major source shall have the meaning specified by the Administrator by rule.

- c. A major stationary source, as defined in Section 302 of the Act, that directly emits or has the potential to emit, 100 tpy or more of any air pollutant including any major source of fugitive emissions of any such pollutant. The fugitive emissions of a stationary source shall not be considered in determining whether it is a major stationary source for the purposes of Section 302(j) of the Act, unless the source belongs to ~~one of the following categories of stationary source:~~ a section 302(j) category.

~~Coal cleaning plants (with thermal dryers).~~

~~Kraft pulp mills.~~

~~Portland cement plants.~~

~~Primary zinc smelters.~~

~~Iron and steel mills.~~

~~Primary aluminum ore reduction plants.~~

~~Primary copper smelters.~~

~~Municipal incinerators capable of charging more than 50 tons of refuse per day.~~

~~Hydrofluoric, sulfuric, or nitric acid plants.~~

~~Petroleum refineries.~~

~~Lime plants.~~

~~Phosphate rock processing plants.~~

~~Coke oven batteries.~~

~~Sulfur recovery plants.~~

~~Carbon black plants (furnace process).~~

~~Primary lead smelters.~~

~~Fuel conversion plants.~~

~~Sintering plants.~~

~~Secondary metal production plants.~~

~~Chemical process plants.~~

~~Fossil fuel boilers (or combination thereof) totaling more than 250 million BTU per hour heat input.~~

~~Petroleum storage and transfer units with a total storage capacity exceeding 300,000 barrels.~~

~~Taconite ore processing plants.~~



~~Glass fiber processing plants.
Charcoal production plants.
Fossil fuel-fired steam electric plants of more than 250 million BTU per hour rated heat input.
Any other stationary source category which, as of August 7, 1980, is being regulated under Section 111 Standards Of Performance For New Stationary Sources of the Act or under Section 112 National Emission Standards For Hazardous Air Pollutants of the Act.~~

~~200.61~~**200.70** **MAJOR SOURCE THRESHOLD:** The lowest applicable emissions rate for a pollutant that would cause the source to be a major source, at the particular time and location, under Section 200.60-Definition Of Major Source the definition of “major source” of this rule.

~~200.62~~**200.71** **MALFUNCTION:** Any sudden and unavoidable failure of air pollution control equipment, process, or process equipment to operate in a normal and usual manner. Failures that are caused by poor maintenance, careless operation, or any other upset condition or equipment breakdown which could have been prevented by the exercise of reasonable care shall not be considered malfunctions.

~~200.63~~**200.72** **MATERIAL PERMIT CONDITION:**

a. For the purposes of ARS §49-464(G) and ARS §49-514(G), a material permit condition shall mean a condition which satisfies all of the following:

- (1) The condition is in a permit or permit revision issued by the Control Officer or by the Director after the effective date of this rule.
- (2) The condition is identified within the permit as a material permit condition.
- (3) The condition is one of the following:
 - (a) An enforceable emission standard imposed to avoid classification as a major modification or major source or to avoid triggering any other applicable requirement.
 - (b) A requirement to install, operate, or maintain a maximum achievable control technology or hazardous air pollutant reasonably available control technology required under Rule 372-Maricopa County Hazardous Air Pollutants (HAPs) Program of these rules.



- (c) A requirement for the installation or certification of a monitoring device.
 - (d) A requirement for the installation of air pollution control equipment.
 - (e) A requirement for the operation of air pollution control equipment.
 - (f) An opacity standard required by Section 111-Standards Of Performance For New Stationary Sources of the Act or Title I-Air Pollution Prevention And Control, Part C or D, of the Act.
- (4) Violation of the condition is not covered by Subsections (A) through (F) or (H) through (J) of ARS §49-464 or Subsections (A) through (F) or (H) through (J) of ARS §49-514.
- b. For the purposes of ~~Sections 200.63~~ Section 200.72(a)(3)(c), (d), and (e) of this rule, a permit condition shall not be material where the failure to comply resulted from circumstances which were outside the control of the source.

~~200.64~~**200.73**

METHOD OF OPERATION: The definition of method of operation is included in ~~Section 200.72-Definition Of Operation~~ the definition of “operation” of this rule.

200.74

MINOR NSR MODIFICATION: Any of the following changes that do not qualify as a major source or major modification:

- a.** Any physical change in or change in the method of operation of an emission unit or a stationary source that either:
 - (1)** Increases the potential to emit of a regulated minor NSR pollutant by an amount greater than the minor NSR modification threshold, or
 - (2)** Results in emissions of a regulated minor NSR pollutant not previously emitted by such emission unit or stationary source in an amount greater than the minor NSR modification threshold.
- b.** Construction of one or more new emissions units that have the potential to emit regulated minor NSR pollutants at an amount greater than the minor NSR modification threshold.
- c.** A change covered by Sections 200.74 (a) or (b) of this rule constitutes a minor NSR modification regardless of whether there will be a net decrease in total source emissions or a net increase in total source emissions that is



less than the minor NSR threshold as a result of decreases in the potential to emit of other emission units at the same stationary source.

- d.** For the purposes of this definition, the following do not constitute a physical change or change in the method of operation:
- (1)** A change consisting solely of the construction of, or changes to, a combination of emissions units qualifying as an insignificant activity.
 - (2)** For a stationary source that is required to obtain a Non-Title V permit under Rule 200 of these rules and that is subject to source-wide emissions caps under Rule 201 of these rules, a change that will not result in the violation of the existing emissions cap for that regulated minor NSR pollutant.
 - (3)** Replacement of an emission unit by a unit with a potential to emit regulated minor NSR pollutants that is less than or equal to the potential to emit of the existing unit, provided the replacement does not cause an increase in emissions at other emission units at the stationary source. A unit installed under this provision is subject to any limits applicable to the unit it replaced.
 - (4)** Routine maintenance, repair, and replacement.
 - (5)** Use of an alternative fuel or raw material by reason of an order under Sections 2(a) and (b) of the Energy Supply and Environmental Coordination Act of 1974, 15 U.S.C. 792, or by reason of a natural gas curtailment plan under the Federal Power Act, 16 U.S.C. 792 to 825r.
 - (6)** Use of an alternative fuel by reason of an order or rule under Section 125 of the Act.
 - (7)** Use of an alternative fuel at a steam generating unit to the extent that the fuel is generated from municipal solid waste.
 - (8)** Use of an alternative fuel or raw material by a stationary source that either:
 - (a)** The source was capable of accommodating before December 12, 1976, unless the change would be prohibited under any federally enforceable permit condition established after December 12, 1976, under 40 CFR 52.21, or under Rules 210, 220, 240, or 241 of these rules; or
 - (b)** The source is approved to use under any permit issued under 40 CFR 52.21, or under Rules 210, 220, or 240 these rules.



(9) An increase in the hours of operation or in the production rate, unless the change would be prohibited under any federally enforceable permit condition established after December 12, 1976, under 40 CFR 52.21, or under Rules 210, 220, 240, or 241 of these rules.

(10) Any change in ownership at a stationary source.

e. For purposes of this definition:

(1) “Potential to emit” means the lower of a source’s or emission unit’s potential to emit or its allowable emissions.

(2) In determining potential to emit, the fugitive emissions of a stationary source shall not be considered unless the source belongs to a section 302(j) category.

(3) All of the roadways located at a stationary source constitute a single emissions unit.

f. **Minor NSR Modification Threshold:** For the purposes of this definition, “minor NSR modification threshold” is defined as: For a regulated minor NSR pollutant, the following applies:

<u>Pollutant</u>	<u>Uncontrolled Emission Rate In Tons Per Year (TPY)</u>
<u>PM_{2.5} (primary emissions only; levels for precursors are set below)</u>	<u>5.0</u>
<u>PM₁₀</u>	<u>5.0</u>
<u>SO₂</u>	<u>5.0</u>
<u>NO_x</u>	<u>5.0</u>
<u>VOC</u>	<u>5.0</u>
<u>CO</u>	<u>5.0</u>
<u>Pb</u>	<u>0.3</u>

R18-2-101(79)

200.76 **MOBILE SOURCE:** Any combustion engine, device, machine or equipment that operates during transport and that emits or generates air contaminants whether in motion or at rest.

R18-2-101(80)

~~200.65~~**200.77** **MODIFICATION:** A physical change in or a change in the method of operation of a source which increases the actual emissions of any regulated air



pollutant emitted by such source by more than any relevant de minimis amount, or which results in the emission of any regulated air pollutant not previously emitted by more than such de minimis amount. An increase in emissions at a minor source shall be determined by comparing the source’s potential to emit before and after the modification. The following exemptions apply:

- a. A physical or operational change does not include routine maintenance, repair or replacement.
- b. An increase in the hours of operation or if the production rate is not considered an operational change unless such increase is prohibited under any permit condition that is legally and practically enforceable by the department.
- c. A change in ownership at a source is not considered a modification.

R18-2-101(85)

~~200.68~~200.78

NATIONAL AMBIENT AIR QUALITY STANDARD (NAAQS): The ambient air pollutant concentration limits established by the administrator pursuant to Section 109 of the Clean Air Act.

R18-2-101(87)

~~200.66~~200.79

NET EMISSIONS INCREASE:

- a. The amount by which the sum of ~~Section 200.66(a)(1) and Section 200.66(a)(2)~~ Sections 200.79(a)(1) and (2) below exceed zero:
 - (1) ~~Any~~ The increase in actual emissions of a regulated NSR pollutant from a particular physical change or change in the method of operation at a stationary source as calculated pursuant to Rule 240, Section 303 of these rules; and
 - (2) Any other increases and decreases in actual emissions at the source that are contemporaneous with the particular change and are otherwise creditable.
 - (3) For purposes of calculating increases and decreases in actual emissions under Section 200.79(a)(2) of this rule, baseline actual emissions shall be determined as provided in the definition of “baseline actual emissions” in Rule 240, Section 202 of these rules, except that Rule 240, Sections 202.1(c) and 202.2(d) of these rules shall not apply.



- b. An increase or decrease in actual emissions is contemporaneous with the increase from the particular change only if it occurs between:
- (1) The date five years before construction on the particular change commences; and
 - (2) The date that the increase from the particular change occurs.
- c. An increase or decrease in actual emissions is creditable only if the Control Officer has not relied on it in issuing a permit, which is in effect when the increase in actual emissions from the particular change occurs. ~~In addition, in nonattainment areas, a decrease in actual emissions shall be considered in determining net emissions increase due to modifications only if the State has not relied on it in demonstrating attainment or reasonable further progress.~~
- d. An increase or decrease in actual emissions of sulfur dioxide, nitrogen oxides, or particulate matter which occurs before the applicable baseline date, as described in Rule 500-Attainment Area Classification of these rules, is creditable only if it is required to be considered in calculating the amount of maximum allowable increases remaining available.
- e. An increase in actual emissions is creditable only to the extent that the new level of actual emissions exceeds the old level.
- f. A decrease in actual emissions is creditable only to the extent that it satisfies all of the following conditions:
- (1) The old level of actual emissions or the old level of allowable emissions, whichever is lower, exceeds the new level of actual emissions;
 - (2) The emissions unit was actually operated and emitted the specific pollutant;
 - (3) It is ~~federally~~ enforceable as a practical matter at and after the time that actual construction on the particular change begins; and
 - (4) It has approximately the same qualitative significance for public health and welfare as that attributed to the increase from the particular change.
 - (5) For a source located in an area designated as nonattainment for the regulated NSR pollutant, the Control Officer has not relied on it in issuing any permit under Rules 240 or 241 of these rules, and the



state has not relied on it in demonstrating attainment or reasonable further progress.

- g. An increase that results from a physical change at a source occurs when the emissions unit on which construction occurred becomes operational and begins to emit a particular pollutant. Any ~~replacement unit that requires shakedown~~ emissions unit that replaces an existing emissions unit and that requires shakedown becomes operational only after a reasonable shakedown period, not to exceed 180 days.

- ~~200.67~~200.80 **NEW SOURCE:** Any source that is not an existing source.
- ~~200.68~~200.81 **NITROGEN OXIDES (NO_x):** All oxides of nitrogen except nitrous oxide, as measured by test methods set forth in the Appendices to 40 CFR 60.
- ~~200.69~~200.82 **NONATTAINMENT AREA:** An area so designated by the Administrator, acting under Section 107-Air Quality Control Regions of the Act, as exceeding national primary or secondary ambient air standards for a particular pollutant or pollutants.
- ~~200.70~~200.83 **NON-PRECURSOR ORGANIC COMPOUND:** Any of the organic compounds that have been designated by the EPA as having negligible photochemical reactivity as listed in Appendix G of these rules.
- ~~200.71~~200.84 **OPEN OUTDOOR FIRE:** Any combustion of material of any type outdoors, where the products of combustion are not directed through a flue.
- ~~200.72~~200.85 **OPERATION:** Any physical action resulting in a change in the location, form, or physical properties of a material, or any chemical action resulting in a change in the chemical composition or properties of a material.
- ~~200.73~~200.86 **ORGANIC COMPOUND:** Any compound of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate.
- ~~200.74~~200.87 **ORGANIC LIQUID:** Any organic compound which exists as a liquid under any actual conditions of use, transport, or storage.
- R18-2-101(95)**
- ~~200.75~~200.88 **OWNER AND/OR OPERATOR:** Any person who owns, leases, operates, controls, or supervises an affected facility or a stationary source, ~~of which an affected facility is a part.~~
- ~~200.76~~200.89 **PARTICULATE MATTER:** Any material, except condensed water containing no more than analytical trace amounts of other chemical elements



or compounds, which has a nominal aerodynamic diameter smaller than 100 microns (micrometers) and which exists in a finely divided form as a liquid or solid at actual conditions.

R18-2-101(98)

~~200.77~~**200.90** **PERMITTING AUTHORITY:** The department or a County department, ~~or~~ agency, or air pollution control district that is charged with enforcing a permit program adopted under ARS §49-480, Subsection A.

200.91 **PERMITTING THRESHOLD:** For a regulated air pollutant, the following applies:

<u>Pollutant</u>	<u>Uncontrolled Emission Rate In Tons Per Year (TPY)</u>
<u>PM_{2.5} (primary emissions only; levels for precursors are set below)</u>	<u>0.5</u>
<u>PM₁₀</u>	<u>0.5</u>
<u>SO₂</u>	<u>1.0</u>
<u>NO_x</u>	<u>1.0</u>
<u>VOC</u>	<u>0.5</u>
<u>CO</u>	<u>1.0</u>
<u>Pb</u>	<u>0.3</u>
<u>Single HAP (other than Pb)</u>	<u>0.5</u>
<u>Total HAPs</u>	<u>1.0</u>
<u>Any other regulated air pollutant</u>	<u>1.0</u>

R18-2-101(100)

~~200.78~~**200.92** **PERSON:** Any individual, public or private corporation, company, partnership, firm, association or society of persons, the Federal Government and any of its departments or agencies, or the State and any of its agencies, departments or political subdivisions, as well as a natural person.

~~200.79~~**200.93** **PHYSICAL CHANGE:** Any replacement, addition, or alteration of equipment that is not already allowed under the terms of the source's permit.

R18-2-101(101)

200.94 **PLANNING AGENCY:** An organization designated by the governor pursuant to 42 U.S.C. 7504.

~~200.80~~**200.95** **PM_{2.5}:** Particulate matter with an aerodynamic diameter less than or equal to a nominal 2.5 microns (micrometers), as measured by the applicable State and Federal Reference Test Methods.



~~200.81~~200.96 **PM₁₀**: Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 microns (micrometers), as measured by the applicable State and Federal Reference Test Methods.

~~200.82~~200.97 **POLLUTANT**: An air contaminant the emissions or ambient concentration of which is regulated under these rules.

R18-2-101(84)

- ~~200.83~~ **POLLUTION CONTROL PROJECT**: Any activity or project undertaken at an existing electric utility steam generating unit to reduce emissions from the unit. The activities or projects are limited to:
- a. ~~The installation of conventional or innovative pollution control technology, including but not limited to advanced flue gas desulfurization, sorbent injection for sulfur dioxide and nitrogen oxides controls, and electrostatic precipitators;~~
 - b. ~~An activity or project to accommodate switching to a fuel less polluting than the fuel used before the activity or project, including but not limited to natural gas or coal reburning, or the co-firing of natural gas and other fuels for the purpose of controlling emissions;~~
 - c. ~~A permanent clean coal technology demonstration project, conducted under Title II, Section 101(d) of the Further Continuing Appropriation Act of 1985 (42 U.S.C. 5903(d)) or subsequent appropriations up to a total amount of \$2,500,000,000 for commercial demonstration of clean coal technology, or similar projects funded through appropriations for the EPA;~~
~~or~~
 - d. ~~A permanent clean coal technology demonstration project that constitutes a repowering project.~~

~~200.84~~200.98 **PORTABLE SOURCE**: Any stationary source that is capable of being transported and operated in more than one county of this state.

R18-2-101(109)

See also ADEQ's response to Comment #51

~~200.85~~200.99 **POTENTIAL TO EMIT (PTE)**: The maximum capacity of a stationary source to emit pollutants, excluding secondary emissions, under its physical and operational design. Any physical or operational limitation on the capacity of the source to emit a pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed, shall be treated as part of its design, if the limitation or the effect it would have on emissions is federally legally and



practically enforceable by the Department or a county under A.R.S. Title 49, Chapter 3; any rule, ordinance, order or permit adopted or issued under A.R.S. Title 49, Chapter 3 or the state implementation plan.

R18-2-101(102)

200.100 **PREDICTIVE EMISSIONS MONITORING SYSTEM (PEMS):** The total equipment, required under the emission monitoring provisions of these rules, to monitor process and control device operational parameters and other information, and calculate and record the mass emissions rate on a continuous basis.

R18-2-101(112)

200.101 **PROJECT:** A physical change in, or change in the method of operation of, an existing major source.

~~200.86~~**200.102** **PROPOSED PERMIT:** The version of a permit for which the Control Officer offers public participation under Rule 210-Title V Permit Provisions or Rule 220-Non-Title V Permit Provisions of these rules or offers affected State review under Rule 210-Title V Permit Provisions of these rules.

R18-2-101(114)

~~200.87~~**200.103** **PROPOSED FINAL PERMIT:** The version of a Non-Title V permit or permit revision that the Control Officer proposes to issue in compliance with Rule 220-Non-Title V Permit Provisions of these rules or a Title V permit or permit revision that the Control Officer proposes to issue and forwards to the Administrator for review, in compliance with Rule 210-Title V Permit Provisions of these rules.

200.104 **PUBLIC NOTICE THRESHOLD:** For a regulated air pollutant, the following applies:

<u>Pollutant</u>	<u>Public Notice Threshold TPY (New Or Permit Renewals)</u>	<u>Public Notice Threshold TPY (PTE To PTE Emission Increase)</u>
<u>VOC</u>	<u>25</u>	<u>25</u>
<u>NO_x</u>	<u>25</u>	<u>25</u>
<u>SO₂</u>	<u>25</u>	<u>25</u>
<u>PM₁₀</u>	<u>7.5</u>	<u>7.5</u>
<u>PM_{2.5} (primary emissions only; levels for precursors are set above)</u>	<u>5.0</u>	<u>5.0</u>
<u>CO</u>	<u>50</u>	<u>50</u>
<u>Pb</u>	<u>0.3</u>	<u>0.3</u>
<u>Any Single HAP</u>	<u>5.0</u>	<u>5.0</u>



Total HAPs	12.5	12.5
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~~200.88~~**200.105** **QUANTIFIABLE:** With respect to emissions, including the emissions involved in equivalent emission limits and emission trades, capable of being measured or otherwise determined in terms of quantity and assessed in terms of character. Quantification may be based on emission factors, stack tests, monitored values, operating rates and averaging times, materials used in a process or production, modeling, or other reasonable measurement practices.

~~200.89~~**200.106** **REACTIVATION OF A VERY CLEAN COAL-FIRED ELECTRIC UTILITY STEAM GENERATING UNIT:** Any physical change or change in the method of operation, associated with commencing commercial operations by a coal-fired utility unit after a period of discontinued operation, if the unit:

- a. Has not been in operation for the 2-year period before enactment of the Clean Air Act Amendments of 1990 and the emissions from the unit continue to be carried in the Maricopa County emissions inventory at the time of enactment;
- b. Was equipped before shutdown with a continuous system of emissions control that achieves a removal efficiency for sulfur dioxide of no less than 85% and a removal efficiency for particulates of no less than 98%;
- c. Is equipped with low nitrogen oxides (NO_x) burners before commencement of operations following reactivation; and
- d. Is otherwise in compliance with the Act.

R18-2-101(116)

200.107 **REASONABLE FURTHER PROGRESS:** The schedule of emission reductions defined within a nonattainment area plan as being necessary to come into compliance with a national ambient air quality standard by the primary standard attainment date.

R18-2-101(117)

~~200.90~~**200.108** **REASONABLY AVAILABLE CONTROL TECHNOLOGY (RACT):** For facilities subject to Regulation III-Control Of Air Contaminants of these rules, the emissions limitation of the existing source performance standard. For facilities not subject to Regulation III-Control Of Air Contaminants of these rules, the lowest emission limitation that a particular source is capable of achieving by the application of control technology that is reasonably available considering technological and economic feasibility. Such technology may previously have been applied to a similar, but not necessarily identical, source



category. RACT for a particular facility, other than a facility subject to Regulation III-Control Of Air Contaminants of these rules, is determined on a case-by-case basis, considering the technological feasibility and cost-effectiveness of the application of the control technology to the source category.

R18-2-101(119)

~~200.91~~200.109 **REFERENCE METHOD:** Any of the methods of sampling and analyzing for an air pollutant as described in the Arizona Testing Manual for Air Pollutant Emissions; 40 CFR 50, Appendices A through L; 40 CFR 51, Appendix M; 40 CFR 52, Appendices D and E; 40 CFR 60, Appendices A through F; and 40 CFR 61, Appendices B and C, as incorporated by reference in Appendix G of these rules.

R18-2-101(120)

~~200.92~~200.110 **REGULATED AIR POLLUTANT:** Any of the following:

- a. Any conventional air pollutant. ~~as defined in ARS §49-401.01, which means any pollutant for which the Administrator has promulgated a primary or a secondary national ambient air quality standard (NAAQS) (i.e., for carbon monoxide (CO), nitrogen oxides (NO_x), lead, sulfur oxides (SO_x) measured as sulfur dioxides (SO₂), ozone, and particulates).~~
- b. Nitrogen oxides (NO_x) and volatile organic compounds (VOCs).
- c. Any air contaminant that is subject to a standard contained in Rule 360-New Source Performance Standards of these rules or promulgated under Section 111-Standards Of Performance For New Stationary Sources of the Act.
- d. Any hazardous air pollutant (HAP) as defined in Rule 372-Maricopa County Hazardous Air Pollutants (HAPs) Program of these rules.
- e. Any Class I or II substance listed in Section 602-Stratospheric Ozone Protection; Listing Of Class I And Class II Substances of the Act.

R18-1-101(121)

200.111 **REGULATED MINOR NSR POLLUTANT:** Any pollutant for which a national ambient air quality standard has been promulgated and the following precursors for such pollutants:

- a. VOC and nitrogen oxides as precursors to ozone.



- b.** Nitrogen oxides and sulfur dioxide are precursors to PM_{2.5}.

R18-1-101(122)

200.112 REGULATED NSR POLLUTANT:

- a.** Any pollutant for which a national ambient air quality standard has been promulgated and any pollutant identified under this definition as a constituent or precursor to such pollutant. Precursors for purposes of NSR are the following:
- (1)** VOCs and nitrogen oxides are precursors to ozone in all areas.
- (2)** Sulfur dioxide is a precursor to PM_{2.5} in all areas.
- (3)** Nitrogen oxides are precursors to PM_{2.5} in all areas.
- b.** Any pollutant that is subject to any standard promulgated under Rule 360- New Source Performance Standards of these rules.
- c.** Any Class I or II substance subject to a standard promulgated under or established by Title VI of the Act as of July 1, 2011.
- d.** Notwithstanding Sections 200.113(a)-(c) of this rule, the term regulated NSR pollutant shall not include any or all hazardous air pollutants listed Rule 370-Federal Hazardous Air Pollutant Program of these rules, unless the listed hazardous air pollutant is also regulated as a constituent or precursor of a general pollutant listed under Section 108 of the Act as of July 1, 2010.
- e.** Particulate matter emissions, PM_{2.5} emissions, and PM₁₀ emissions shall include gaseous emissions from a source or activity which condense to form particulate matter at ambient temperatures. On and after January 1, 2011, condensable particulate matter shall be accounted for in applicability determinations and in establishing emissions limitations for particulate matter, PM_{2.5} and PM₁₀ in permits issued under Rule 240- Federal Major New Source Review (NSR) of these rules.

~~200.93~~**200.113** **REGULATORY REQUIREMENTS:** All applicable requirements, department rules, and all State requirements pertaining to the regulation of air contaminants.

~~200.94~~**200.114** **REPLICABLE:** With respect to methods or procedures sufficiently unambiguous such that the same or equivalent results would be obtained by the application of the method or procedure by different users.



~~200.95~~**200.115**

REPOWERING: The Control Officer shall give expedited consideration to permit applications for any source that satisfies the following criteria and that is granted an extension under Section 409-Repowered Sources of the Act:

- a. Repowering means replacing an existing coal-fired boiler with one of the following clean coal technologies:
 - (1) Atmospheric or pressurized fluidized bed combustion;
 - (2) Integrated gasification combined cycle;
 - (3) Magnetohydrodynamics;
 - (4) Direct and indirect coal-fired turbines;
 - (5) Integrated gasification fuel cells; or
 - (6) As determined by the Administrator, in consultation with the United States Secretary of Energy, a derivative of one or more of the above listed technologies; and
 - (7) Any other technology capable of controlling multiple combustion emissions simultaneously with improved boiler or generation efficiency and with significantly greater waste reduction relative to the performance of technology in widespread commercial use as of November 15, 1990.
- b. Repowering also includes any oil, gas, or oil and gas-fired units which have been awarded clean coal technology demonstration funding as of January 1, 1991 by the United States Department of Energy.

R18-2-101(101)

~~200.96~~

~~**REPRESENTATIVE ACTUAL ANNUAL EMISSIONS:** The average rate, in tons per year, at which the source is projected to emit a pollutant for the 2-year period after a physical change or change in the method of operation of a unit (or a different consecutive 2 year within 10 years after that change, if the Control Officer determines that the different period is more representative of source operations), considering the effect the change will have on increasing or decreasing the hourly emission rate and on projected capacity utilization. In projecting future emissions, the Control Officer shall:~~

- a. ~~Consider all relevant information, including but not limited to historical operational data, the company's representations, filings with the Maricopa County, State or Federal regulatory authorities, and compliance plans under Title IV Acid Deposition Control of the Act; and~~



- b. ~~Exclude, in calculating any increase in emissions that result from the particular physical change or change in the method of operation at an electric utility steam generating unit, that portion of the unit's emissions, following the change, that could have been accommodated during the representative baseline period and that is attributable to an increase in projected capacity utilization at the unit unrelated to the particular change, including any increased utilization due to the rate of electricity demand growth for the utility system as a whole.~~

200.97200.116 RESPONSIBLE OFFICIAL: One of the following:

- a. For a corporation: A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either;
- (1) The sources employ more than 250 persons or have gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars); or
 - (2) The delegation of authority to such representatives is approved in advance by the permitting authority;
- b. For a partnership or sole proprietorship: A general partner or the proprietor, respectively;
- c. For a municipality, State, Federal, or other public agency: Either a principal executive officer or ranking elected official. For the purposes of this rule, a principal executive officer of a Federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., a Regional Administrator); or
- d. For affected sources:
- (1) The designated representative insofar as actions, standards, requirements, or prohibitions under Title IV-Acid Deposition Control of the Act or the regulations promulgated thereunder are concerned; and
 - (2) The designated representative for any other purposes under 40 CFR, Part 70.



~~200.98~~**200.117** **SCHEDULED MAINTENANCE:** Preventive maintenance undertaken in order to avoid a potential breakdown or upset of air pollution control equipment.

R18-2-101(125)
 See also ADEQ’s response to Comments #10, #15, and #21

200.118 **SCREEN MODEL:** The AERSCREEN air dispersion model published by the Administrator in April 2011 and available on the Support Center for Regulatory Atmospheric Modeling web site: <http://www.epa.gov/ttn/scram>.

R18-2-101(128)

200.119 **SECTION 302(J) CATEGORY:**

- a.** Any of the classes of sources listed in the definition of “categorical sources” of this rule; or
- b.** Any category of affected facility which, as of August 7, 1980, is being regulated under Section 111 or 112 of the Act.

R18-2-101(130)

~~200.99~~**200.120** **SIGNIFICANT:**

- a.** ~~In reference to a net emissions increase or the potential of a source to emit any of the following pollutants, a~~ A rate of emissions that would equal or exceed any one of the following rates:

<u>Pollutant</u>	<u>Emissions Rate (TPY)</u>
Carbon Monoxide 100	
Nitrogen Oxides	40
Sulfur Dioxide	40
Particulate Matter	25
PM ₁₀	15
PM _{2.5}	10
<u>10 tpy of direct PM_{2.5} emissions; 40 tpy of sulfur dioxide emissions; 40 tpy of nitrogen oxide emissions.</u>	
VOC	40
Lead	0.6
Fluorides	3
Sulfuric Acid Mist	7
Hydrogen Sulfide (H ₂ S)	10
Total Reduced Sulfur (including hydrogen sulfide)	10
Reduced Sulfur Compounds	



(including hydrogen sulfide)	10
Municipal waste combustor organics (measured as total tetra-through- octa-chlorinated: dibenzo-p-dioxins and dibenzofurans)	3.5 x 10 ⁻⁶
Municipal waste combustor metals (measured as particulate matter)	15
Municipal waste combustor acid gases (measured as sulfur dioxide and hydrogen chloride)	40
Municipal solid waste landfill emissions (measured as nonmethane organic compounds)	50

- b. In ozone nonattainment areas classified as serious or severe, significant emissions of nitrogen oxides and VOC shall be determined under Rule 240-~~Permit Requirements For New Major Sources And Major Modifications To Existing Major Sources~~ Federal Major New Source Review (NSR) of these rules.
- c. In a carbon monoxide nonattainment area classified as serious, a rate of emissions that would equal or exceed 50 tons per year, if the Administrator has determined that stationary sources contribute significantly to carbon monoxide levels in that area.
- ~~e.d.~~ In reference to For a regulated air NSR pollutant that is not listed in Section 200.99(a) Section 200.121(a) of this rule, any emission rate. is not a Class I nor a Class II substance listed in Section 602 Listing Of Class I And Class II Substances of the Act and is not a hazardous air pollutant according to Rule 372 Maricopa County Hazardous Air Pollutants (HAPs) Program of these rules, any emissions rate.
- ~~d.e.~~ Notwithstanding the emission ~~amount~~ rates listed in ~~Section 200.99(a) Section 200.121(a)~~ of this rule, any emissions rate or any net emissions increase associated with a major source or major modification, which would be constructed within 10 kilometers (6.2 miles) of a Class I area and which would have an impact on the ambient air quality of such area equal to or greater than 1 microgram/cubic meter (~~mg/m³~~) (µg/m³) (24-hour average).

R18-2-101(131)

200.121 **SIGNIFICANT EMISSIONS INCREASE:** For a regulated NSR pollutant, an increase in emissions that is significant as defined in this rule for that pollutant.



~~200.100~~200.122 **SOLVENT-BORNE COATING MATERIAL:** Any liquid coating-material in which the solvent is primarily or solely a VOC. For the purposes of this definition, “primarily” means that of the total solvent mass that evaporates from the coating, the VOC portion weighs more than the non-VOC portion.

R18-2-101(133)

~~200.101~~200.123 **SOURCE:** Any building, structure, facility, or installation that may cause or contribute to air pollution or the use of which may eliminate, reduce or control the emission of air pollution.

~~200.102~~200.124 **SPECIAL INSPECTION WARRANT:** An order, in writing, issued in the name of the State of Arizona, signed by a magistrate, directed to the Control Officer or his deputies authorizing him to enter into or upon public or private property for the purpose of making an inspection authorized by law.

~~200.103~~200.125 **STANDARD CONDITIONS:** A temperature of 293K (68 degrees Fahrenheit or 20 degrees Celsius) and a pressure of 101.3 kilopascals (29.92 in.Hg or 1013.25 mb). When applicable, all analyses and tests shall be calculated and reported at standard gas temperatures and pressure values.

R18-2-101(137)

~~200.104~~200.126 **STATE IMPLEMENTATION PLAN (SIP):** ~~The plan adopted by the State Of Arizona which provides for implementation, maintenance, and enforcement of such primary and secondary ambient air quality standards as are adopted by the Administrator under the Act. The accumulated record of enforceable air pollution control measures, programs and plans adopted by the Director and submitted to and approved by the Administrator pursuant to 42 U.S.C. 7410.~~

R18-2-101(139)

See also ADEQ’s response to Comment #58

~~200.105~~200.127 **STATIONARY SOURCE:** ~~Any source that operates at a fixed location and that emits or generates regulated air pollutants.~~ Any building, structure, facility or installation subject to regulation pursuant to A.R.S. § 49-426(A) which emits or may emit any air pollutant. “Building,” “structure,” “facility,” or “installation” means all of the pollutant-emitting activities which belong to the same industrial grouping, are located on one or more contiguous or adjacent properties, and are under the control of the same person or persons under common control. Pollutant emitting activities shall be considered as part of the same industrial grouping if they belong to the same “Major Group” as described in the “Standard Industrial Classification Manual, 1987.



200.128 SUBCONTRACTOR REGISTRATION:

~~200.106~~**200.129** **SYNTHETIC MINOR:** Any source whose maximum capacity to emit a pollutant under its physical and operational design would exceed the major source threshold levels but is restricted by an enforceable emissions limitation that prevents such source from exceeding major source threshold levels.

R18-2-101(141)

~~200.107~~**200.130** **TEMPORARY CLEAN COAL TECHNOLOGY DEMONSTRATION PROJECT:** A clean coal technology demonstration project operated for five years or less and that complies with the ~~SIP~~ applicable implementation plan and other requirements necessary to attain and maintain the national ambient air quality standards during the project and after the project is terminated.

~~200.108~~**200.131** **TITLE V:** Title V of the Federal Clean Air Act as amended in 1990 and the 40 CFR Part 70 EPA regulations adopted to implement the Act.

~~200.109~~**200.132** **TOTAL REDUCED SULFUR (TRS):** The sum of the sulfur compounds, primarily hydrogen sulfide, methyl mercaptan, dimethyl sulfide, and dimethyl disulfide, that are released during kraft pulping and other operations and measured by Method 16 in 40 CFR 60, Appendix A.

~~200.110~~**200.133** **TRADE SECRETS:** Information to which all of the following apply:

- a. A person has taken reasonable measures to protect from disclosure and the person intends to continue to take such measures.
- b. The information is not, and has not been, reasonably obtainable without the person’s consent by other persons, other than governmental bodies, by use of legitimate means, other than discovery based on a showing of special need in a judicial or quasi-judicial proceeding.
- c. No statute, including ARS §49-487, specifically requires disclosure of the information to the public.
- d. The person has satisfactorily shown that disclosure of the information is likely to cause substantial harm to the business’s competitive position.

~~200.111~~**200.134** **TRIVIAL ACTIVITY:** ~~For the purpose of this rule, a trivial activity shall be any activity, process, or emissions unit that, in addition to meeting the criteria for insignificant activity, has extremely low emissions. No activity, process, or emissions unit that is conducted as part of a manufacturing process or is related to the source’s primary business activity shall be considered trivial. Trivial activities are listed in Appendix E of these rules and may be omitted~~



~~from Title V permit applications and from Non Title V permit applications.~~
Any of the following activities:

- a. General Combustion Activities:** Combustion emissions from propulsion of mobile sources, except for vessel emissions from outer continental shelf sources.
- b. Surface Coating And Printing Equipment:** Equipment used for surface coating, painting, dipping or spraying operations, except those that will emit volatile organic compounds (VOC) or hazardous air pollutants (HAPs).
- c. Cleaning Equipment:** Laundry activities, except for dry-cleaning and steam boilers.
- d. Internal Combustion Equipment:**
 - (1) Internal combustion (IC) engines used for landscaping purposes.**
 - (2) Emergency (backup) electrical generators at residential locations.**
- e. Testing And Monitoring Equipment:**
 - (1) Routine calibration and maintenance of laboratory equipment or other analytical instruments.**
 - (2) Equipment used for quality control/assurance or inspection purposes, including sampling equipment used to withdraw materials for analysis.**
 - (3) Hydraulic and hydrostatic testing equipment.**
 - (4) Environmental chambers not using HAP gases.**
 - (5) Shock chambers.**
 - (6) Humidity chambers.**
 - (7) Solar simulators.**
 - (8) Vents from continuous emissions monitors and other analyzers.**
- f. Office Equipment:**
 - (1) Air-conditioning units used for human comfort that do not have applicable requirements under Title VI of the Act.**



- (2) Ventilating units used for human comfort that do not exhaust air pollutants into the ambient air from any manufacturing/industrial or commercial process.
- (3) Consumer use of office equipment and products, not including printers or businesses primarily involved in photographic reproduction.
- (4) Bathroom/toilet vent emissions.
- (5) Tobacco smoking rooms and areas.
- (6) Consumer use of paper trimmers/binders.

g. Repair And Maintenance:

- (1) Janitorial services and consumer use of janitorial products.
- (2) Plant maintenance and upkeep activities (e.g., groundskeeping, general repairs, cleaning, painting, welding, plumbing, re-tarring roofs, installing insulation, and paving parking lots), provided these activities are not conducted as part of a manufacturing process, are not related to the source's primary business activity, and not otherwise triggering a permit modification. Cleaning and painting activities qualify, if they are not subject to VOC or HAP control requirements. Asphalt batch plant owners and/or operators must still get a permit, if otherwise required.
- (3) Repair or maintenance shop activities not related to the source's primary business activity (excluding emissions from surface coating or degreasing (solvent metal cleaning) activities) and not otherwise triggering a permit modification.

h. Storage And Distribution:

- (1) Storage tanks, vessels, containers holding or storing liquid substances that will not emit any VOC or HAPs. Exemptions for storage tanks containing petroleum liquids or other VOCs should be based on size limits and vapor pressure of liquids stored and are not appropriate for this list.
- (2) Demineralized water tanks and demineralizer vents.
- (3) Boiler water treatment operations, not including cooling towers.

i. Hand Operated Equipment:



(1) Hand-held equipment for buffing, polishing, cutting, drilling, sawing, grinding, turning, or machining wood, metal, or plastic.

(2) Hand-held applicator equipment for hot melt adhesives with no VOC in the adhesive formulation.

(3) Portable electrical generators that can be moved by hand from one location to another. “Moved by hand” means that it can be moved without the assistance of any motorized or non-motorized vehicle, conveyance, or device.

(4) Air compressors and pneumatically operated equipment, including hand tools.

i. Food Equipment: Non-commercial food preparation.

k. Water And Waste Water Treatment:

(1) Process water filtration systems and demineralizers.

(2) Oxygen scavenging (de-aeration) of water.

l. Emergency Equipment:

(1) Fire suppression systems.

(2) Emergency road flares.

~~200.112~~**200.135** **UNCLASSIFIED AREA:** An area which the Administrator, because of lack of adequate data, is unable to classify as an attainment or nonattainment area for a specific pollutant. For purposes of these rules, unclassified areas are to be treated as attainment areas.

R18-2-101(152)

~~200.113~~**200.136** **VOLATILE ORGANIC COMPOUND (VOC):** Any organic compound which participates in atmospheric photochemical reactions, except the non-precursor organic compounds.

SECTION 300 - STANDARDS

301 AIR POLLUTION PROHIBITED: No person shall discharge from any source whatever into the atmosphere regulated air pollutants which exceed in quantity or concentration that specified and allowed in these rules, the Arizona Administrative Code or ARS, or which cause damage to property, or unreasonably interfere with the comfortable enjoyment of life or property of a



substantial part of a community, or obscure visibility, or which in any way degrade the quality of the ambient air below the standards established by the Board Of Supervisors or the Director.

- 302 APPLICABILITY OF MULTIPLE RULES:** Whenever more than one standard in this rule applies to any source or whenever a standard in this rule and a standard in the Maricopa County Air Pollution Control Regulations Regulation III-Control Of Air Contaminants applies to any source, the rule or combination of rules resulting in the lowest rate or lowest concentration of regulated air pollutants released to the atmosphere shall apply, unless otherwise specifically exempted or designated.

SECTION 400 - ADMINISTRATIVE REQUIREMENTS

- 401 CERTIFICATION OF TRUTH, ACCURACY, AND COMPLETENESS:**
Any application form or report submitted under these rules shall contain certification by a responsible official of truth, accuracy, and completeness of the application form or report as of the time of submittal. This certification and any other certification required under these rules shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- 402 CONFIDENTIALITY OF INFORMATION:**
- 402.1** The Control Officer shall make all permits, including all elements required to be in the permit under Rule 210-Title V Permit Provisions of these rules and Rule 220-Non-Title V Permit Provisions of these rules, available to the public.
- 402.2** Any records, reports, or information obtained from any person under these rules shall be available to the public, unless the Control Officer has notified the person in writing as specified in Section 402.3 of this rule and unless a person:
- a.** Precisely identifies the information in the permit(s), records, or reports, which is considered confidential.
 - b.** Provides sufficient supporting information to allow the Control Officer to evaluate whether such information satisfies the requirements related to trade secrets as defined in Section 200.110 of this rule.
- 402.3** Within 30 days of receipt of a notice of confidentiality that complies with Section 402.2 of this rule, the Control Officer shall make a determination as to whether the information satisfies the requirements for trade secrets as described in Section 200.110 of this rule and so notify the applicant in



writing. If the Control Officer agrees with the applicant that the information covered by the notice of confidentiality satisfies the statutory requirements, the Control Officer shall include a notice in the administrative record of the permit application that certain information has been considered confidential.

402.4 A claim of confidentiality shall not excuse a person from providing any and all information required or requested by the Control Officer.

402.5 A claim of confidentiality shall not be a defense for failure to provide such information.

SECTION 500 - MONITORING AND RECORDS

501 REPORTING REQUIREMENTS: The owner and/or operator of any air pollution source shall maintain records of all emissions testing and monitoring, records detailing all malfunctions which may cause any applicable emission limitation to be exceeded, records detailing the implementation of approved control plans and compliance schedules, records required as a condition of any permit, records of materials used or produced, and any other records relating to the emission of air contaminants which may be requested by the Control Officer.

502 DATA REPORTING: When requested by the Control Officer, a person shall furnish to the Department information to locate and classify air contaminant sources according to type, level, duration, frequency, and other characteristics of emissions and such other information as may be necessary. This information shall be sufficient to evaluate the effect on air quality and compliance with these rules. The owner and/or operator of a source requested to submit information under Section 501 of this rule may subsequently be required to submit annually, or at such intervals specified by the Control Officer, reports detailing any changes in the nature of the source since the previous report and the total annual quantities of materials used or air contaminants emitted.

503 EMISSION STATEMENTS REQUIRED AS STATED IN THE ACT: Upon request of the Control Officer and as directed by the Control Officer, the owner and/or operator of any source which emits or may emit oxides of nitrogen (NO_x) or volatile organic compounds (VOC) shall provide the Control Officer with an emission statement, in such form as the Control Officer prescribes, showing measured actual emissions or estimated actual emissions of NO_x and VOC from that source. At a minimum, the emission statement shall contain all information required by the ~~Consolidated Emissions Reporting Rule~~ Air Emissions Reporting Requirements in 40 CFR 51, Subpart A, Appendix A, Table 2A, which is incorporated by reference in Appendix G of these rules. The statement shall contain emissions for the time period specified by the Control Officer. The statement shall also contain a certification by a responsible official of the



company that the information contained in the statement is accurate to the best knowledge of the individual certifying the statement. Statements shall be submitted annually to the Department. The Control Officer may waive this requirement for the owner and/or operator of any source which emits less than 25 tons per year of oxides of nitrogen or volatile organic compounds with an approved emission inventory for sources based on AP-42 or other methodologies approved by the Administrator.

504 RETENTION OF RECORDS: Information and records required by applicable requirements and copies of summarizing reports recorded by the owner and/or operator and submitted to the Control Officer shall be retained by the owner and/or operator for five years after the date on which the information is recorded or the report is submitted. Non-Title V sources may retain such information, records, and reports for less than five years, if otherwise allowed by these rules.

505 ANNUAL EMISSIONS INVENTORY REPORT:

505.1 Upon request of the Control Officer and as directed by the Control Officer, the owner and/or operator of a business shall complete and shall submit to the Control Officer an annual emissions inventory report. The report is due by April 30, or 90 days after the Control Officer makes the inventory form(s) available, whichever occurs later. These requirements apply whether or not a permit has been issued and whether or not a permit application has been filed.

505.2 The annual emissions inventory report shall be in the format provided by the Control Officer.

505.3 The Control Officer may require submittal of supplemental emissions inventory information forms for air contaminants under ARS §49-476.01, ARS §49-480.03, and Rule 372-Maricopa County Hazardous Air Pollutants (HAPs) Program of these rules.



REGULATION II – PERMITS AND FEES

RULE 200 PERMIT REQUIREMENTS

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~~Revised 07/13/88~~
~~Repealed and Adopted 11/15/93~~
~~Revised 02/15/95~~
~~Revised 06/19/96~~
~~Revised 05/20/98~~
~~Revised 08/22/01~~
~~Revised 03/26/08~~

Revised 07/13/88; Repealed and Adopted 11/15/93; Revised 02/15/95; Revised 06/19/96;
Revised 05/20/98; Revised 08/22/01; Revised 03/26/08; Revised xx/xx/xxxx

**MARICOPA COUNTY
AIR POLLUTION CONTROL REGULATIONS
REGULATION II – PERMITS AND FEES**

**RULE 200
PERMIT REQUIREMENTS**

SECTION 100 – GENERAL

- 101 PURPOSE:** To provide an orderly procedure for the review of new sources of air pollution and for the modification and operation of existing sources through the issuance of permits.
- 102 APPLICABILITY:** Unless otherwise noted, this rule applies to each source requiring a permit or permit revision.

SECTION 200 – DEFINITIONS (NOT APPLICABLE) See Rule 100 (General Provisions and Definitions) of these rules for definitions of terms that are used but not specifically defined in this rule.

SECTION 300 – STANDARDS

- 301 PERMITS REQUIRED:** Except as otherwise provided in these rules, ~~no person shall commence~~ an owner and/or operator shall not begin actual construction of, operate, or make a modification to any stationary source subject to regulation under these rules, without first obtaining a permit or permit revision from the Control Officer. The Maricopa County Air Quality Department issues the following permits: Title V permits, Non-Title V permits, General permits, Dust Control permits, and Permits to Burn. The standards and/or requirements for these permits are described in ~~Section 302 through Section 305 and Section 307 of this rule~~ Sections 302 through 305, 306, and 308 of this rule. Additional standards, administrative requirements, and monitoring and records requirements for some of these permits are described in individual rules of these rules, ~~as applicable/~~ as specified in ~~Section 302 through Section 305 and Section 307 of this rule~~ Sections 302 through 305, 306, and 308 of this rule.



302 TITLE V PERMIT:

302.1 A Title V permit or, in the case of an existing permitted source, a permit revision shall be required for ~~a person~~ an owner and/or operator to commence begin actual construction of, to operate, or to modify any of the following:

- ~~302.1a.~~ Any major source as defined in Rule 100 of these rules.
- ~~302.2b.~~ Any solid waste incineration unit required to obtain a permit pursuant to Section 129(e) of the Act.
- ~~302.3c.~~ Any affected source as defined in Rule 100 of these rules.
- ~~302.4d.~~ Any stationary source in a source category designated by the Administrator pursuant to 40 CFR 70.3 and adopted by the Board of Supervisors by rule.

302.2 Notwithstanding Sections 301 and 302 of this rule, an owner and/or operator may begin actual construction, but not operation, of a source requiring a Title V permit or Title V permit revision upon the Control Officer's issuance of the proposed final permit or proposed final permit revision.

303 NON-TITLE V PERMIT: Unless a Title V permit or Title V permit revision is required, a Non-Title V permit or permit revision shall be required for:

303.1 ~~A person to make a modification to a source which would cause it to emit or to have the potential to emit quantities of regulated air pollutants greater than those specified in subsections 303.2 and 303.3(e) of this rule. An owner and /or operator to begin actual construction of , modify, or operate any stationary source that emits, or has the uncontrolled potential to emit, or cause the source to emit regulated NSR pollutants in an amount greater than or equal to the following permitting thresholds:~~

<u>Pollutant</u>	<u>Uncontrolled Emission Rate In Tons Per Year (TPY)</u>
<u>PM_{2.5} (primary emissions only; levels for precursors are set below)</u>	<u>0.5</u>
<u>PM₁₀</u>	<u>0.5</u>
<u>SO₂</u>	<u>1.0</u>
<u>NO_x</u>	<u>1.0</u>
<u>VOC</u>	<u>0.5</u>
<u>CO</u>	<u>1.0</u>
<u>Pb</u>	<u>0.3</u>
<u>Single HAP (other than Pb)</u>	<u>0.5</u>



Total HAPs	1.0
Any other regulated air pollutant	1.0

303.2 ~~A person to commence construction of or to modify either of the following after rules adopted pursuant to A.R.S. § 49-480.04 are effective: An owner and/or operator to begin actual construction of, operate or modify either of the following after rules are adopted pursuant to A.R.S. §§ 49-480.04 and 49-426:~~

- a. A source that emits or has the potential to emit with controls ten tons per year or more of a hazardous air pollutant or 25 tons per year or more of any combination of hazardous air pollutants designated by the Director pursuant to Rule 372 (Maricopa County Hazardous Air Pollutants (HAPs) Program) of these rules and not listed in Section 112(b) of the Act.
- b. A source that is within a category designated by the Director pursuant to Rule 372 (Maricopa County Hazardous Air Pollutants (HAPs) Program) of these rules and that emits or has the potential to emit with controls at least one ton, but less than ten tons per year of a hazardous air pollutant or at least 2.5 tons, but less than 25 tons per year of any combination of hazardous air pollutants.

303.3 ~~A person to commence construction of, to operate, or to modify any of the following: An owner and/or operator to begin actual construction of, operate, or modify any of the following:~~

- a. Any source other than a major source, including an area source, subject to a standard, limitation, or other requirement under Section 111 of the Act.
- b. Any source other than a major source, including an area source, subject to a standard or other requirement pursuant to Section 112 of the Act. However, a source is not required to obtain a permit solely because it is subject to regulation or requirements pursuant to Section 112(r) of the Act.
- e. ~~Any source that emits or has the potential to emit, without control, regulated air pollutants, except the following sources to the extent which the described limits are not exceeded. However, any source that is exempt from obtaining a Non Title V permit according to this section shall still comply with all other applicable requirements of these rules.~~

~~(1) General Combustion Equipment:~~



- (a) ~~Any source with an aggregated input capacity of less than 2,000,000 BTU per hour calculated by adding only those pieces of equipment over 300,000 BTU per hour with respect to fuel burning equipment fired with natural gas or liquefied petroleum gas.~~
 - (b) ~~Any oil fueled heating equipment with a maximum rated input capacity or an aggregated input capacity of less than 500,000 BTU (527,200 kilojoules) per hour.~~
- (2) ~~Liquid Storage Tanks:~~
- (a) ~~Stationary storage tanks with a capacity of 250 gallons (946 liters) or less used for storing organic liquids.~~
 - (b) ~~Stationary storage tanks used for storing organic liquids with a true vapor pressure of 1.5 psia (77.5 mm Hg) or less.~~
 - (c) ~~Pressure tanks and pressurized vessels used exclusively for the storage of liquefied gases.~~
- (3) ~~Surface Coating and Printing Equipment:~~
- (a) ~~The aggregate of all surface coating operations of a source in which no coated product is heat cured and a combined total of one gallon per day or less of all coating materials and solvents are used.~~
 - (b) ~~Application equipment for architectural surface coatings is used for commercial and residential applications.~~
 - (c) ~~Any coating operation, which employs only hand-held aerosol cans, where VOC emissions do not exceed three pounds on any single day.~~
 - (d) ~~Any printing operation which employs a combination of printing presses with a maximum of 500 square inches (3226 cm²) of impression area and a maximum of two units per printing press. For the purposes of this rule, "units" means the number of printing surfaces.~~
- (4) ~~Solvent Cleaning Equipment: Unheated, non-conveyorized, cleaning or coating equipment that does not include control enclosures:~~



- (a) ~~With an open surface area of one square meter (10.8 square feet) or less and an internal volume of 350 liters (92.5 gallons) or less, having an organic solvent loss of three gallons per day or less; or~~
 - (b) ~~Using only organic solvents with an initial boiling point of 302°F (150°C) or greater and having an organic solvent loss of three gallons per day or less; or~~
 - (c) ~~Using materials with a VOC content of two percent or less by volume (20 cubic centimeters per liter).~~
- (5) ~~Internal Combustion Equipment:~~
- (a) ~~Internal combustion engines with a manufacturer's maximum continuous rating of 50 horsepower or less or a maximum accumulative rating of 250 horsepower or less for engines used in the same process at one source.~~
 - (b) ~~Internal combustion engines used solely as a source of unlimited standby power or emergency purposes and operated at or below 500 hours per year for routine testing and emergency standby operation for each internal combustion engine and provided such source demonstrates that the potential emissions at 500 hours of operation each of all internal combustion engines do not exceed 4,000 pounds of nitrogen oxides or carbon monoxide per year as evidenced by an installed hour meter or written usage records maintained by the operator; and~~
 - (i) ~~Are only used for power when normal power line service fails; or~~
 - (ii) ~~Are only used for the emergency pumping of water.~~
 - (iii) ~~This exemption does not apply to internal combustion engines used as standby power due to a voluntary reduction in power by the power company.~~
 - (c) ~~Engines used to propel motorized vehicles.~~
 - (d) ~~Gas turbines with a maximum heat input at ISO Standard Day Conditions of less than 3,000,000 BTU (3,162,000 kilojoules) per hour fired exclusively with natural gas and/or liquefied petroleum gas.~~



~~(e) Portable internal combustion engines used on a temporary basis of no more than 30 days per calendar year at any one facility.~~

~~(6) Food Equipment:~~

~~(a) Equipment, excluding boilers, used in eating establishments or other retail establishments for the purpose of preparing food for human consumption.~~

~~(b) Bakeries:~~

~~(i) Mixers and blenders used in bakeries where the products are edible and intended for human consumption.~~

~~(ii) Ovens at bakeries whose total production is less than 10,000 pounds (4,535 kg) per operating day.~~

~~(7) Miscellaneous:~~

~~(a) Diesel contaminated soil remediation projects, where no heat is applied.~~

~~(b) Self contained, enclosed blast and shot peen equipment where the total internal volume of the blast section is 50 cubic feet or less and where any venting is done via pollution control equipment.~~

~~(c) Those laboratory acids which have both a pH above 1.5 and an aggregate daily emission to ambient air of vapor/mists from all such acids not exceeding three pounds on any single day.~~

~~(d) Brazing or welding equipment.~~

~~(e) Hand soldering equipment.~~

~~(f) A source whose aggregate of all wood working equipment totals 50 horsepower or less.~~

~~(g) Equipment used for buffing, carving, cutting, drilling, surface grinding, machining, planing, routing, sanding, sawing, shredding, or turning of ceramic artwork, precision parts, leather, metals, plastics, rubber, fiberboard, masonry, carbon, graphite or glass.~~

~~(h) Refrigerant recovery equipment.~~



- ~~(i) Building maintenance or janitorial activities.~~
- ~~(j) A source whose aggregate of all miscellaneous equipment, processes or production lines not otherwise identified in this section has total uncontrolled emissions of less than three pounds (1.4 kg) VOC or PM₁₀ during any day and less than 5.5 pounds (2.5 kg) of any other regulated air pollutant during any day.~~
- ~~(k) A person to begin actual construction of a source subject to Rule 372 (Maricopa County Hazardous Air Pollutants (HAPs) Program) of these rules.~~
- ~~(l) A person to make a modification to a source subject to Rule 372 (Maricopa County Hazardous Air Pollutants (HAPs) Program) of these rules.~~

304 ~~**GENERAL PERMIT:** A General permit shall be required for a person to commence construction of, to operate, or to modify a source that is a member of a facility class for which a General permit has been developed pursuant to Rule 230 of these rules. The provisions of Rule 230 of these rules shall apply to General permits, except as otherwise provided in Rule 230 of these rules.~~

304.1 An owner and/or operator of a source may apply for a General permit to commence construction of, to operate, or to modify a source that is a member of a facility class for which a General permit has been developed pursuant to Rule 230 of these rules. The provisions of Rule 230 of these rules shall apply to General permits, except as otherwise provided in Rule 230 of these rules.

304.2 An owner and/or operator of a source, which is a member of the class of facilities covered by a General permit, may apply for an authority to operate under the General permit in lieu of applying for a Non-Title V permit or a Title V permit.

305 **EXEMPTIONS:** The following sources shall be exempt from obtaining a permit. However, any source that is exempt from obtaining a permit according to this rule shall still comply with all other applicable requirements of these rules.

305.1 The following sources shall not require a permit, unless the source is a major source or unless operation without a permit would result in a violation of the Act:

- a.** Sources subject to 40 CFR 60, Subpart AAA, Standards of Performance for New Residential Wood Heaters.



- b.** Sources and source categories that would be required to obtain a permit solely because they are subject to 40 CFR 61.145.
- c.** Agricultural equipment used in normal farm operations. Agricultural equipment used in normal farm operations, for the purposes of this rule, does not include equipment that would be classified as a source that would require a permit under Title V of the Act, or would be subject to a standard under 40 CFR parts 60 or 61.

305.2 If a source is subject to one of the standards under Section 111 of the Act listed below and meets the applicable criteria for an insignificant activity as defined in Rule 100 of these rules, then the owner and/or operator of such source shall not be required to obtain a permit:

- a.** 40 CFR 60, Subpart IIII (Stationary Compression Ignition Internal Combustion Engines).
- b.** 40 CFR 60, Subpart JJJJ (Stationary Spark Ignition Internal Combustion Engines).

305.3 If a source is subject to one of the standards under Section 112 of the Act listed below and meets the applicable criteria for an insignificant activity as defined in Rule 100 of these rules, then the owner and/or operator of such source shall not be required to obtain a permit:

- a.** 40 CFR 61.145.
- b.** 40 CFR 63, Subpart ZZZZ (Reciprocating Internal Combustion Engines).
- c.** 40 CFR 63, Subpart WWWW (Ethylene Oxide Sterilizers).
- d.** 40 CFR 63, Subpart CCCCCC (Gasoline Distribution).
- e.** 40 CFR 63, Subpart HHHHHH (Paint Stripping and Miscellaneous Surface Coating Operations).
- f.** 40 CFR 63, Subpart JJJJJJ (Industrial, Commercial, and Institutional Boilers Area Sources), published at 76 FR 15554 (March 21, 2011).
- g.** A regulation or requirement under Section 112(r) of the Act.

305.4 Insignificant activities, provided any single or combination of insignificant activities have total uncontrolled emissions less than the permitting thresholds as defined in Rule 100 of these rules.



305.5 Trivial activities.

305.6 Unheated, non-conveyorized, cleaning or coating equipment that does not include control enclosures:

- a.** With an open surface area of one square meter (10.8 square feet) or less and an internal volume of 350 liters (92.5 gallons) or less, having an organic solvent loss of 150 gallons per year, or
- b.** Using only organic solvents with an initial boiling point of 302°F (150°C) or greater and having an organic solvent loss of 150 gallons per year, or
- c.** Using materials with a VOC content of two percent or less by volume (20 cubic centimeters per liter).

~~305-306~~

DUST CONTROL PERMIT: A Dust Control permit shall be required before a person, including but not limited to, the property owner, lessee, developer, responsible official, Dust Control permit applicant (who may also be the responsible party contracting to do the work), general contractor, prime contractor, supervisor, management company, or any person who owns, leases, operates, controls, or supervises a dust-generating operation subject to the requirements of Rule 310 of these rules, causes, commences, suffers, allows, or engages in any dust-generating operation that disturbs a total surface area of 0.10 acre (4,356 square feet) or more. The provisions of Rule 310 of these rules shall apply to Dust Control permits, except as otherwise provided in Rule 310 of these rules.

~~306-307~~

SUBCONTRACTOR REGISTRATION:

~~306.1-307.1~~ **307.1** A subcontractor who is engaged in dust-generating operations at a site that is subject to a Dust Control permit ~~that is~~ issued by a Control Officer and that requires control of PM₁₀ emissions from dust-generating operations shall register with the Control Officer by submitting information in the manner prescribed by the Control Officer. The Control Officer shall issue a registration number after payment of the fee. The Control Officer may establish and assess a fee for the registration based on the total cost of processing the registration and issuance of a registration number.

~~306.2-307.2~~ **307.2** The subcontractor shall have its registration number readily accessible on-site while conducting any dust-generating operations. The subcontractor's registration number must be visible and readable by the public without having to be asked by the public (e.g., included/posted in a sign that is visible on the subcontractor's vehicle or equipment, included/posted on a sign that is visible in the window of the subcontractor's vehicle or



equipment, or included/posted on a sign where the subcontractor is working on the site).

~~307~~ **308 PERMIT TO BURN:** A permit is required for any open outdoor fire authorized under the exceptions in A.R.S. 49-501 or Rule 314 of these rules.

~~308 EXEMPTIONS:~~ ~~Notwithstanding Sections 301, 302, and 303 of this rule, the following sources shall not require a permit, unless the source is a major source, or unless operation without a permit would result in a violation of the Act:~~

~~308.1 Sources subject to 40 CFR 60, Subpart AAA, Standards of Performance for New Residential Wood Heaters.~~

~~308.2 Sources and source categories that would be required to obtain a permit solely because they are subject to 40 CFR 61.145.~~

~~308.3 Agricultural equipment used in normal farm operations. Agricultural equipment used in normal farm operations, for the purposes of this rule, does not include equipment that would be classified as a source that would require a permit under Title V of the Act, or would be subject to a standard under 40 CFR parts 60 or 61.~~

309 STANDARDS FOR APPLICATIONS: All permit applications shall be filed in the manner and form prescribed by the Control Officer. The application shall contain all the information necessary to enable the Control Officer to make the determination to grant or to deny a permit or permit revision, which shall contain such terms and conditions as the Control Officer deems necessary to assure a source's compliance with the requirements of these rules. The issuance of any permit or permit revision shall not relieve the owner and/or operator from compliance with any federal laws, Arizona laws, or these rules, nor does any other law, regulation or permit relieve the owner or operator from obtaining a permit or permit revision required under these rules.

309.1 Insignificant Activities:

a. ~~Rather than supplying detailed information, a Title V source may, in its permit application, list and generally group insignificant activities, which are defined in Rule 100—General Provisions and Definitions of these rules and which are listed in Appendix D—List of Insignificant Activities of these rules. An insignificant activity shall be any activity, process, or emissions unit that meets all of the following:~~

(1) Is not subject to a source-specific applicable requirement. Source-specific applicable requirements include requirements for which



emissions unit-specific information is needed to determine applicability.

(2) Emits uncontrolled emissions of any single or combination of insignificant activities less than the permitting thresholds as defined in Rule 100 of these rules.

(3) Is either included in the definition of “insignificant activity” in Rule 100 of these rules or is approved by the Control Officer and the Administrator of the Environmental Protection Agency (EPA) as an insignificant activity under this rule.

b. ~~A Non-Title V source is not required to list nor to describe, in a permit application, insignificant activities, which are defined in Rule 100— General Provisions and Definitions of these rules and which are listed in Appendix D-List of Insignificant Activities of these rules. If a Non-Title V source’s emissions are approaching an applicable requirement, including but not limited to best available control technology (BACT) requirements or major source status, then such Non-Title V source may be required by Maricopa County to include, in a permit application, a description of its insignificant activities and emissions calculations for such insignificant activities.~~ **For Title V Permit Applications:**

(1) Rather than supplying detailed information, an owner and/or operator of a Title V source may, in its permit application, list and generally group insignificant activities.

(2) An owner and/or operator of a Title V source may request approval for the classification of an activity as insignificant by including such request in its permit application, along with justification that such activity meets the definition of insignificant activity in Rule 100 – General Provisions and Definitions of these rules.

(3) An owner and/or operator of a Title V source shall include information in its permit application regarding insignificant activities, if such information is needed to determine: (1) the applicability of or to impose any applicable requirement; (2) whether the source is in compliance with applicable requirements; or (3) the fee amount required under these rules. In such cases, emissions calculations or other necessary information shall be included in the application.

c. ~~An activity, process, or emissions unit that is not included in Appendix D-List of Insignificant Activities of these rules may be considered an~~



~~insignificant activity if it meets the definition of insignificant activity in Rule 100 – General Provisions and Definitions of these rules and is approved by the Control Officer and the Administrator of the Environmental Protection Agency (EPA). A source may request approval for the classification of an activity as insignificant by including such a request in its permit application, along with justification that such activity meets the definition of insignificant activity in Rule 100 – General Provisions and Definitions of these rules.~~ **For Non-Title V Permit Applications:**

- (1) An owner and/or operator of a Non-Title V source is not required to list or describe, in its permit application, insignificant activities, which are defined in Rule 100 – General Provisions and Definitions of these rules.
 - (2) If a Non-Title V source’s emissions are approaching an applicable requirement, including but not limited to best available control technology (BACT) requirements or major source status, then the owner and/or operator of such Non-Title V source may be required to include, in its permit application, a description of its insignificant activities and emissions calculations for such insignificant activities.
 - (3) An owner and/or operator of a Non-Title V source shall include information in its permit application regarding insignificant activities, if such information is needed to determine: (1) the applicability of or to impose any applicable requirement; (2) whether the source is in compliance with applicable requirements; or (3) the fee amount required under these rules. In such cases, emissions calculations or other necessary information shall be included in the application.
- d. ~~An application may not omit information regarding insignificant activities that is needed to determine: (1) the applicability of or to impose any applicable requirement; (2) whether the source is in compliance with applicable requirements; or (3) the fee amount required under these rules. In such cases, emissions calculations or other necessary information shall be included in the application.~~

309.2 Trivial Activities:

- a. ~~A Title V source is not required, in a permit application, to list trivial activities, to describe trivial activities, nor to include the emissions from trivial activities, which are defined in Rule 100 – General Provisions and Definitions of these rules and which are listed in~~



Appendix E List of Trivial Activities of these rules. A trivial activity shall be any activity, process, or emissions unit that, in addition to meeting the criteria for insignificant activity, has extremely low emissions.

- b. ~~A Non Title V source is not required, in a permit application, to list trivial activities, to describe trivial activities, nor to include the emissions from trivial activities, which are defined in Rule 100— General Provisions and Definitions of these rules and which are listed in Appendix E List of Trivial Activities of these rules. No activity, process, or emissions unit that is conducted as part of a manufacturing process or is related to the source’s primary business activity shall be considered trivial.~~
- c. ~~An activity that is not included in Appendix E List of Trivial Activities of these rules may be considered a trivial activity, if such activity meets the definition of trivial activity in Rule 100— General Provisions and Definitions of these rules. Trivial activities as defined in Rule 100-General Provisions and Definitions of these rules may be omitted from Title V permit applications and from Non-Title V permit applications.~~

310 PERMIT CONDITIONS: The Control Officer may impose any permit conditions that are necessary to ensure compliance with federal laws, Arizona laws, or these rules.

310.1 The Control Officer may require, as specified in Section 310.2 and Section 310.3 of this rule, any source of regulated air pollutants to monitor, sample, or perform other studies to quantify emissions of regulated air pollutants or levels of air pollution that may reasonably be attributable to that source, if the Control Officer:

- a. Determines that monitoring, sampling, or other studies are necessary to determine the effects of the source on levels of air pollution; or
- b. Has reasonable cause to believe a violation of this rule, rules adopted pursuant to this rule, or a permit issued pursuant to this rule has been committed; or
- c. Determines that those studies or data are necessary to accomplish the purposes of this rule and that the monitoring, sampling, or other studies by the source are necessary in order to assess the impact of the source on the emission of regulated air contaminants.



310.2 The Control Officer may require a source of air contaminants, by permit or order, to perform monitoring, sampling, or other quantification of its emissions or air pollution that may reasonably be attributed to such a source. Before requiring such monitoring, sampling, or other quantification by permit or order, the Control Officer shall consider the relative cost and accuracy of any alternatives which may be reasonable under the circumstances such as emission factors, modeling, mass balance analyses, or emissions projections. The Control Officer may require such monitoring, sampling, or other quantification by permit or order if the Control Officer determines in writing that all of the following conditions are met:

- a. The actual or potential emissions of air pollution may adversely affect public health or the environment.
- b. An adequate scientific basis for the monitoring, sampling, or quantification method exists.
- c. The monitoring, sampling, or quantification method is technically feasible for the subject contaminant and the source.
- d. The monitoring, sampling, or quantification method is reasonably accurate.
- e. The cost of the method is reasonable in light of the use to be made of the data.

310.3 The permittee shall comply with all conditions of the permit, including all applicable requirements of Arizona air quality statutes and the air quality rules. Compliance with permit terms and conditions does not relieve, modify, or otherwise affect the permittee’s duty to comply with all applicable requirements of Arizona air quality statutes and the Maricopa County Air Pollution Control Regulations. Any permit non-compliance is grounds for enforcement action; for a permit termination, revocation, and reissuance or revision; or for denial or a permit renewal application. Non-compliance with any federally enforceable requirement in a permit constitutes a violation of the Act.

~~310.3~~ **310.4** Orders issued or permit conditions imposed pursuant to this rule shall be appealable to the hearing board in the same manner as that prescribed for orders of abatement in A.R.S. § 49-489 and A.R.S. § 49-490 and for permit conditions in A.R.S. § 49-482.



- 311 PROHIBITION – PERMIT MODIFICATION:** A person shall not willfully deface, alter, forge, counterfeit, or falsify any permit issued under the provisions of these rules.
- 312 PERMIT POSTING REQUIRED:** Any person who has been granted a permit shall keep a complete permit clearly visible and accessible on the site where the equipment is installed. All equipment covered by the permit shall be listed in the permit by a serial number or other equipment identification symbol and shall be identified on a plant diagram.
- 313 TRANSITION FROM INSTALLATION AND OPERATING PERMIT PROGRAM TO UNITARY PERMIT PROGRAM:**
- 313.1 Sources with a Valid Installation, Operating, or Conditional Permit:**
A valid installation permit or operating permit issued by the Control Officer or a valid conditional permit issued by the hearing board before September 1, 1993, and the authority to operate as provided in Laws 1992, Chapter 299, Section 65, continue in effect until:
- a. The Control Officer revokes an installation permit.
 - b. The Control Officer issues or denies a Title V permit or a Non-Title V permit to the source.
 - c. The hearing board revokes or modifies a conditional permit or the conditional permit expires. A source operating under a valid conditional permit may continue to operate in accordance with the terms and conditions of such permit after the expiration of the conditional permit if, at least 30 days prior to the expiration of the conditional permit, the source submits an application to the Control Officer for a Title V permit as described in Section 313.2 of this rule or for a Non-Title V permit as described in Section 313.3 of this rule.
- 313.2 Title V Sources with an Installation, Operating, or Conditional Permit:** Following November 29, 1996, the effective date of the Environmental Protection Agency's (EPA's) final interim approval of Maricopa County's Title V permit program, a source becomes subject to the requirements of the Title V permit program, when the source meets the applicability requirements as provided in this rule. Sources which hold a valid installation, operating, or conditional permit and require a Title V permit shall comply with the following provisions:
- a. The owner or operator of the source shall submit a permit application within 180 days of receipt of written notice from the Control Officer that an application is required or 12 months after the source becomes



subject to the requirements of Title V of the Act and the permit requirements of these rules, whichever is earlier.

- b. Any source, which has not yet submitted a Title V permit application, that wishes to make any source change not requiring a permit, an administrative permit revision, a minor permit revision, or a significant permit revision shall comply with the applicable provisions of Rule 210 of these rules.

313.3 Non-Title V Sources With an Installation, Operating, or Conditional Permit: Sources requiring a Non-Title V permit in existence on the date these rules become effective which hold a valid installation, operating, or conditional permit shall comply with the following provisions:

- a. All sources shall submit a permit application to the Control Officer within 90 days of receipt of written notice from the Control Officer that an application is required.
- b. Any source that wishes to make any source change not requiring a permit, an administrative permit revision, a minor permit revision, or a non-minor permit revision shall comply with the applicable provisions of Rule 220 of these rules.

313.4 Written Notice: For purposes of this subsection, written notice shall include, but not be limited to, a written warning, Notice of Violation, or order issued by the Control Officer for constructing or operating an emission source without a permit. Such a source shall be considered to be in violation of these rules on each day of operation or each day during which construction continues, until a permit is granted.

313.5 Sources Not Under Permit:

- a. All sources not in existence prior to the effective date of these rules shall first submit to the Control Officer an air quality permit application for the entire source and shall have been issued an air quality permit before commencing construction of such source.
- b. All sources in existence on the date these rules become effective and not holding a valid installation permit and/or a valid operating permit issued by the Control Officer, which have not applied for a Non-Title V permit pursuant to these rules, shall submit to the Control Officer a permit application for the entire source.
- c. All sources in existence on the date these rules become effective and not holding a valid installation permit and/or a valid operating permit



issued by the Control Officer, which have not applied for a Title V permit pursuant to these rules, shall submit to the Control Officer a Title V permit application no more than 12 months after becoming subject to Title V permit requirements.

313.6 Sources Which Currently Have an Installation or Operating Permit:

- a. For sources in existence on the date these rules become effective holding a valid installation permit and/or a valid operating permit issued by the Control Officer, the Control Officer may establish a phased schedule for acting on permit applications received within the first full year after the source becomes subject to obtaining a Title V or a Non-Title V permit under these rules. The schedule shall assure that at least one-third of such applications will be acted on annually over a period not to exceed three years after such effective date. Based on this schedule, the Control Officer shall review a completed application in accordance with the provisions of these rules and shall issue or deny the applicable permit within 18 months after the receipt of the completed application.
- b. Any application for an installation permit or an operating permit that is determined to be complete prior to the effective date of these rules but for which no permit has been issued shall be considered complete for the purposes of this section. In issuing a permit pursuant to such an application, the Control Officer shall include in the permit all elements addressed in the application and a schedule of compliance for submitting an application for a permit revision to address the elements required to be in the permit that were not included in the operating permit application or in the installation permit application. No later than six months after the effective date of these rules, the Control Officer shall take final action on an operating permit application or on an installation permit application determined to be complete prior to the effective date of these rules.

314 ACCELERATED PERMITTING:

- 314.1** Notwithstanding any other provisions of these rules, the following qualify a source for a request-submittal for accelerated processing: an application for a Title V permit or for a Non-Title V permit; any permit revision; and any coverage under a general permit. Such a request-submittal shall be submitted in writing to the Control Officer at least 30 days in advance of filing the application and shall be accompanied by fees as described in Rule 280 of these rules.



314.2 When an applicant has requested accelerated permit processing, the Control Officer may, to the extent practicable, undertake to process the permit or permit revision in accordance with the following schedule:

- a. For applications for initial Title V and Non-Title V permits under Rules 210 and 220 of these rules, for significant permit revisions under Rule 210 of these rules, or for non-minor permit revisions under Rule 220 of these rules, final action on the permit or on the permit revision shall be taken within 90 days or after the Control Officer determines that the application is complete for a Non-Title V source and within 120 days after the Control Officer determines that the application is complete for a Title V source. Except for a new major source or a major modification subject to the requirements of Rule 240 of these rules, an application for a new permit, a significant permit-revision, or a permit renewal shall be deemed to be complete unless the Control Officer notifies the applicant by certified mail within 30 days of receipt of the application that the application is not complete.
- b. For applications for coverage under a general permit under Rule 230 of these rules, final action shall be taken within 30 days after receipt of the application.
- c. For minor permit revisions governed by Rule 210 of these rules and Rule 220 of these rules, the permit revision shall be issued within 60 days after receipt of the application.

314.3 Before issuing a permit or permit revision pursuant to this section, the applicant shall pay to the Control Officer all fees due as described in Rule 280 of these rules. Nothing in this section shall affect the public participation requirements of Rules 210 or 220 of these rules, or EPA and affected state review as required under Rule 210 of these rules.

SECTION 400 – ADMINISTRATIVE REQUIREMENTS

401 APPROVAL OR DENIAL OF PERMIT OR PERMIT REVISION:

- 401.1** The Control Officer shall deny a permit or revision if the applicant does not demonstrate that every such source for which a permit or permit revision is sought is so designed, controlled, or equipped with such air pollution control equipment that the source may be expected to operate without emitting or without causing to be emitted air contaminants in violation of the provisions of these rules.
- 401.2** Prior to acting on an application for a permit, the Control Officer may require the applicant to provide and to maintain such devices and



procedures as are necessary for sampling and for testing purposes in order to secure information that will disclose the nature, extent, quantity, or degree of air contaminants discharged into the atmosphere from the source described in the application. In the event of such a requirement, the Control Officer shall notify the applicant in writing of the type and characteristics of such devices and procedures.

401.3 In acting upon an application for a permit renewal, if the Control Officer finds that such source has not been constructed in accordance with any prior permit or revision issued pursuant to A.R.S. § 49-480.01, the Control Officer shall require the permittee to obtain a permit revision or shall deny the permit renewal. The Control Officer shall not accept any further application for a permit for such source so constructed until the Control Officer finds that such source has been reconstructed in accordance with a prior permit or a revision, or until a revision to the permit has been obtained. The Control Officer may issue a permit with a compliance schedule for a source that is not in compliance with all applicable requirements at the time of permit issuance.

401.4 After a decision on a permit or on a permit revision, the Control Officer shall notify the applicant and any person who filed a comment on the permit pursuant to A.R.S. § 49-480 or on the permit revision pursuant to A.R.S. § 49-480.01 in writing of the decision, and if the permit is denied, the reasons for such denial. Service of this notification may be made in person or by first class mail. The Control Officer shall not accept a further application unless the applicant has corrected the circumstances giving rise to the objections as specified by the Control Officer as reasons for such denial.

402 PERMIT REOPENINGS; REVOCATION AND REISSUANCE; TERMINATION:

402.1 Reopening for Cause:

a. Each issued permit shall include provisions specifying the conditions under which the permit will be reopened prior to the expiration of the permit. A permit shall be reopened and revised under any of the following circumstances:

(1) Additional applicable requirements under the Act become applicable to a major source with a remaining permit term of three or more years. Such a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless



the original permit or any of its terms and conditions has been extended pursuant to Section 403.2 of this rule. Any permit revision required pursuant to this rule shall comply with Section 403 of this rule for a permit renewal and shall reset the five year permit term.

- (2) Additional requirements, including excess emissions requirements, become applicable to an affected source under the Acid Rain Program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the Title V permit.
 - (3) The Control Officer or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
 - (4) The Control Officer or the Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
- b. Proceedings to reopen and issue a permit, including appeal of any final action relating to a permit reopening, shall follow the same procedures as apply to initial permit issuance and shall, except for reopenings under Section 402.1(a)(1) of this rule, affect only those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as is practicable.
 - c. Action to reopen a permit under this section shall not be initiated before a notice of such intent is provided to the source by the Control Officer at least 30 days in advance of the date that the permit is to be reopened, except that the Control Officer may provide a shorter time period in the case of an emergency.
 - d. When a permit is reopened and revised pursuant to this rule, the Control Officer may make appropriate revisions to the permit shield established pursuant to Rule 210 of these rules.

402.2 Reopening for Cause by the Administrator:

- a. If the Administrator finds that cause exists to terminate, modify, or revoke and reissue a permit pursuant to Section 402.1 of this rule, the Administrator may notify the Control Officer and the permittee of such finding in writing. Within ten days of receipt of notice from the



Administrator that cause exists to reopen a Title V permit, the Control Officer shall notify the source.

- b. Within 90 days of receipt of notice from the Administrator that cause exists to reopen a permit, the Control Officer shall forward to the Administrator a proposed determination of termination, modification, or revocation and reissuance of the permit. The Control Officer may request a 90-day extension of this limit if it is necessary to request a new or revised permit application or additional information from the applicant for, or holder of, a Title V permit.
- c. The Control Officer shall have 90 days from receipt of an objection by the Administrator to attempt to resolve the objection.
- d. The Control Officer may issue a notice of termination of a permit issued under these rules if:
 - (1) The Control Officer has reasonable cause to believe that the permit was obtained by fraud or misrepresentation.
 - (2) The person applying for the permit failed to disclose a material fact required by the application form or the regulation applicable to the permit, of which the applicant had or should have had knowledge at the time the application was submitted.
 - (3) The terms and conditions of the permit have been or are being violated.
- e. If the Control Officer issues a notice of termination under this rule, the notice shall be served on the permittee by certified mail, return receipt requested. The notice shall include a statement detailing the grounds for the revocation and a statement that the permittee is entitled to a hearing.

403 PERMIT RENEWAL AND EXPIRATION:

- 403.1** Prior to renewing a permit issued under these rules, the Control Officer shall provide notice in the same manner and form as provided in Rule 210 of these rules.
- 403.2** The Control Officer shall not renew a permit issued under these rules unless the permittee applies for a permit renewal prior to the expiration of a permit in the manner required by Rule 210 of these rules. If a timely and complete application for a permit renewal is submitted, but the Control Officer has failed to issue or deny the renewal permit before the end of the term of the previous permit, then the permit shall not expire until the



renewal permit has been issued or denied. Any testing that is required for a renewal shall be completed before the proposed permit renewal is issued by the Control Officer.

403.3 The Control Officer shall publish notice of a permit renewal decision in the same manner as that provided in Rule 210 of these rules for a Title V permit and as that provided in Rule 220 of these rules for a Non-Title V permit.

404 PERMIT TRANSFERS:

404.1 Except as provided in A.R.S. § 49-429 and Section 404.2 of this rule, a Title V permit, a Non-Title V permit, or a General permit may be transferred to another person. Before the proposed transfer, the person who holds a valid Non-Title V permit or a valid General permit shall comply with the administrative permit revision procedures pursuant to Rule 220, Section 405.1 of these rules. At least 30 days before the proposed transfer, the person who holds a valid Title V permit shall give notice to the Control Officer in writing and shall comply with the administrative permit amendment procedures pursuant to Rule 210, Section 404 of these rules. Permit transfer notice shall contain the following:

- a. The permit number and expiration date.
- b. The name, address and telephone number of the current permit holder.
- c. The name, address and telephone number of the person to receive the permit.
- d. The name and title of the individual within the organization who is accepting responsibility for the permit along with a signed statement by that person indicating such acceptance.
- e. A description of the equipment to be transferred.
- f. A written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee.
- g. Provisions for the payment of any fees pursuant to Rule 280 of these rules that will be due and payable before the effective date of transfer.
- h. Sufficient information about the source's technical and financial capabilities of operating the source to allow the Control Officer to make the decision in Section 404.2 of this rule including:



- (1) The qualifications of each person principally responsible for the operation of the source.
- (2) A statement by the chief financial officer of the new permittee that it is financially capable of operating the source in compliance with the law, and the information that provides the basis for that statement.
- (3) A brief description of any action for the enforcement of any federal or state law, rule or regulation, or any county, city or local government ordinance relating to the protection of the environment, instituted against any person employed by the new permittee and principally responsible for operating the source during the five years preceding the date of application. In lieu of this description, the new permittee may submit a copy of the certificate of disclosure or 10-K form required under A.R.S. § 49-109, or a statement that this information has been filed in compliance with A.R.S. § 49-109.

404.2 The Control Officer shall deny the transfer if the Control Officer determines that the organization receiving the permit is not capable of operating the source in compliance with Article 3, Chapter 3, Title 49, Arizona Revised Statutes, the provisions of these rules, or the provisions of the permit. Notice of the denial stating the reason for the denial shall be sent to the original permit holder by certified mail stating the reason for the denial within ten working days of the Control Officer's receipt of the application. If the transfer is not denied within ten working days after receipt of the notice, the Control Officer shall approve such permit transfer.

404.3 To appeal the transfer denial:

- a. Both the transferor and transferee shall petition the hearing board in writing for a public hearing; and
- b. The appeal process for a permit shall be followed.

405 PERMITS CONTAINING THE TERMS AND CONDITIONS OF FEDERAL DELAYED COMPLIANCE ORDERS (DCO) OR CONSENT DECREES:

405.1 The terms and conditions of either a DCO or consent decree shall be incorporated into a permit through a permit revision. In the event the permit expires prior to the expiration of the DCO or consent decree, the DCO or consent decree shall be incorporated into any permit renewal.



- 405.2** The owner or operator of a source subject to a DCO or consent decree shall submit to the Control Officer a quarterly report of the status of the source and construction progress and copies of any reports to the Administrator required under the order or decree. The Control Officer may require additional reporting requirements and conditions in permits issued under this rule.
- 405.3** For the purpose of this rule, sources subject to a consent decree issued by a federal court shall meet the same requirements as those subject to a DCO.
- 406 APPEAL:** Denial or revocation of a permit shall be stayed by the permittee's written petition for a hearing, filed in accordance with Rule 400 of these rules.
- 407 AIR QUALITY IMPACT MODELS:**
- 407.1** Where the Control Officer requires a person to perform air quality impact modeling, the modeling shall be performed in a manner consistent with 40 CFR 51, Appendix W, "Guideline On Air Quality Models", as of July 1, 2004 (and no future amendments or additions), which shall be referred to hereinafter as "Guideline", and is adopted by reference.
- 407.2 Model Substitution:** Where the person can demonstrate that an air quality impact model specified in the guideline is inappropriate, the model may be modified or another model substituted. However, before such modification or substitution can occur, the Control Officer must make a written finding that:
- a. No model in the guideline is appropriate; or
 - b. The data base required for the appropriate model in the guideline is not available; and
 - c. A model proposed as a substitute or modification is likely to produce results equal or superior to those obtained by models in the guideline.
- 408 TESTING PROCEDURES:** Except as otherwise specified, the applicable testing procedures contained in the Arizona Testing Manual for Air Pollutant Emissions shall be used to determine compliance with standards or permit conditions established pursuant to these rules.
- 409 PERMIT FEES:** A fee shall be charged for each facility. No permit is valid until the applicable permit fee has been received and until the permit is issued by the Control Officer.
- 410 PORTABLE SOURCES:**



- 410.1** An owner and/or operator of a portable source which will operate for the duration of its permit solely in Maricopa County shall obtain a permit from the Control Officer for Maricopa County and is subject to Sections 410.2, 410.3, and 410.4 of this rule. A portable source with a current State of Arizona permit need not obtain a Maricopa County permit but is subject to Sections 410.3, 410.4, and 410.5 of this rule. Any permit for a portable source shall contain conditions that will assure compliance with all applicable requirements at all authorized locations. A portable source that has permit issued by the Director and obtains a permit from the Control Officer for Maricopa County shall request that the Director terminate the permit. Upon issuance of the permit from the Control Officer for Maricopa County, the permit issued by the Director is no longer valid.
- 410.2** An owner or operator of a portable source which has a Maricopa County permit but proposes to operate outside of Maricopa County, shall obtain a permit from the Director. A portable source that has a permit issued from the Control Officer for Maricopa County and obtains a permit issued by the Director shall request that the Control Officer terminate the permit issued by the Control Officer for Maricopa County. Upon issuance of a permit by the Director, ~~the Control Officer shall terminate the Maricopa County permit for that source~~ permit issued by the Control Officer for Maricopa County is no longer valid. If the owner and/or operator relocates the portable source in Maricopa County, the owner and/or operator shall notify the Control Officer as required by Section 410.4 of this rule of the relocation of the portable source. Whenever the owner and/or operator of a portable source operates a portable source in Maricopa County, such owner and/or operator shall comply with all regulatory requirements in these rules.
- 410.3** An owner of a portable source which requires a permit under this rule, shall obtain the permit prior to renting or leasing said portable source. This permit shall be provided by the owner to the renter or lessee, and the renter or lessee shall be bound by the permit provisions. In the event a copy of the permit is not provided to the renter or lessee, both the owner and the renter or lessee shall be responsible for the operation of the portable source in compliance with the permit conditions and any violations thereof.
- 410.4** A portable source may be transported from one location to another within or across Maricopa County boundaries provided the owner and/or operator of such portable source notifies the Director and any Control Officer who has jurisdiction over the geographic area that includes the new location of the portable source by certified mail at least ten working days before the portable source is transported to the new location. The notification required under this rule shall include:



- a. A description of the portable source to be transported including the Maricopa County permit number or the State of Arizona permit number for such portable source;
- b. A description of the present location;
- c. A description of the location to which the portable source is to be transported, including the availability of all utilities, such as water and electricity, necessary for the proper operation of all control equipment;
- d. The date on which the portable source is to be moved;
- e. The date on which operation of the portable source will begin at the new location; and
- f. The duration of operation at the new location.

410.5 An owner and/or operator of a portable source with a current State of Arizona permit that moves such portable source into Maricopa County shall notify the Control Officer that such portable source is being transported to a new location and shall include in such notification a copy of the State of Arizona permit and a copy of any conditions imposed by the State of Arizona permit. The source shall be subject to all regulatory requirements of these rules.

411 PUBLIC RECORDS; CONFIDENTIALITY:

411.1 The Control Officer shall make all permits, including all elements required to be in the permit pursuant to Rule 210 of these rules and Rule 220 of these rules available to the public.

411.2 A notice of confidentiality pursuant to A.R.S. § 49-487(c) shall:

- a. Precisely identify the information in the application documents, which is considered confidential.
- b. Contain sufficient supporting information to allow the Control Officer to evaluate whether such information satisfies the requirements related to trade secrets or, if applicable, how the information, if disclosed, could cause substantial harm to the person's competitive position.

411.3 Within 30 days of receipt of a notice of confidentiality that complies with Section 411.2 of this rule, the Control Officer shall make a determination as to whether the information satisfies the requirements for trade secret or competitive position pursuant to A.R.S. § 49-487(C)(1) and so notify the applicant in writing. If the Control Officer agrees with the applicant that



AQ-2013-005 –Draft NSR Rules 100, 200, 210, 220, 241, 510
Public Workshop #3: October 30, 2014
Contact Kathleen Sommer – 602-506-6706
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Maricopa County Air Quality Dept.
Planning & Analysis Division
1001 N. Central Ave. Suite 125
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the information covered by the notice of confidentiality satisfies the statutory requirements, the Control Officer shall include a notice in the administrative record of the permit application that certain information has been considered confidential.

SECTION 500 – MONITORING AND RECORDS (NOT APPLICABLE)



REGULATION II - PERMITS AND FEES

RULE 210 TITLE V PERMIT PROVISIONS

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SECTION 500 - MONITORING AND RECORDS (NOT APPLICABLE)



~~Revised 07/13/88~~
~~Repealed and Adopted 11/15/93~~
~~Revised 02/15/95~~
~~Revised 06/19/96~~
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~~Revised 02/07/01~~
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MARICOPA COUNTY
AIR POLLUTION CONTROL REGULATIONS
REGULATION II - PERMITS AND FEES

RULE 210
TITLE V PERMIT PROVISIONS

SECTION 100 - GENERAL

- 101 PURPOSE:** To provide an orderly procedure for the review of new Title V sources of air pollution and of the modification and operation of existing Title V sources through the issuance of Title V permits.
- 102 APPLICABILITY:** Unless otherwise noted, this rule applies to each source requiring a Title V permit or permit revision.

SECTION 200 - DEFINITIONS: ~~See Rule 100 General Provisions And Definitions of these rules for definitions of terms that are used but not specifically defined in this rule. For the purpose of this rule, the following definition shall apply:~~ For the purpose of this rule, the following definitions shall apply, in addition to those definitions found in Rule 100 (General Provisions and Definitions) of these rules. In the event of any inconsistency between any of the Maricopa County air pollution control rules, the definitions in this rule take precedence.

- 201 EMISSIONS ALLOWABLE UNDER THE PERMIT:** An enforceable permit term or condition determined at issuance to be required by an applicable requirement that establishes an emissions limit (including a work practice standard) or an enforceable emissions cap that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject.

SECTION 300 – STANDARDS

- 301 PERMIT APPLICATION PROCESSING PROCEDURES:**



- 301.1 Standard Application Form And Required Information:** To apply for any permit under this rule, applicants shall complete the "Standard Permit Application Form" and shall supply all information required by the "Filing Instructions" as shown in Appendix B of these rules.
- 301.2** ~~Unless otherwise required by Rule 200 Permit Requirements of these rules, a~~ A timely application is:
- a. For a source that becomes subject to the permit program as a result of a change in regulation and not as a result of construction or a physical or operational change, one that is submitted within 12 months after the source becomes subject to the permit program.
 - ~~a.b.~~ For purposes of permit renewal, a timely application is one that is submitted at least six months, but not more than 18 months, prior to the date of permit expiration.
 - ~~b.~~ ~~For the initial Phase II acid rain requirement under Rule 371 Acid Rain of these rules of a Title V permit, one that is submitted to the Control Officer by January 1, 1996, for sulfur dioxide, and by January 1, 1998, for nitrogen oxides.~~
 - ~~c.~~ Any existing source which becomes subject to a standard promulgated by the Administrator under Section 112(d) of the Act shall, within 12 months of the date on which the standard is promulgated, submit an application for a permit revision demonstrating how the source will comply with the standard.
- 301.3** If, at the time an application for a permit required by these rules is submitted, an applicable implementation plan allows the determination of an alternate emission limit, a source may, in its application, propose an emission limit that is equivalent to the emission limit otherwise applicable to the source under the applicable implementation plan. The source shall also demonstrate that the equivalent limit is quantifiable, accountable, enforceable, and subject to replicable compliance determination procedures.
- 301.4** A complete application is one that satisfies all of the following:
- a.** To be complete, an application shall provide all information required by Section 301.1-Standard Application Form And Required Information of this rule. An application for permit revision only need supply information related to the proposed change, unless the source's proposed permit revision will change the permit from a Non-Title V Permit to a Title V Permit. A responsible official shall certify the



submitted information consistent with Section 301.7-Certification Of Truth, Accuracy, And Completeness of this rule.

- b. An application for a new permit or permit revision shall contain an assessment of the applicability of the requirements of Rule 240-~~Permit Requirements For New Major Sources And Major Modifications To Existing Major Sources~~ Federal Major New Source Review (NSR) and Rule 241-Permits For New Sources And Modifications To Existing Sources of these rules. If the proposed new source is a major source, as defined in Rule 240-~~Permit Requirements For New Major Sources And Major Modifications To Existing Major Sources~~ of these rules, or the proposed permit revision constitutes a major modification as defined in Rule 100-General Provisions And Definitions of these rules, then the application shall comply with all applicable requirements of Rule 240-~~Permit Requirements For New Major Sources And Major Modifications To Existing Major Sources~~ of these rules.
- c. An application for a new permit or permit revision shall contain an assessment of the applicability of the requirements of Rule 241-Minor New Source Review (NSR) of these rules. If the applicant determines that the proposed new source is subject to Rule 241 of these rules, or the proposed permit revision constitutes a minor NSR modification, the application shall comply with all the applicable requirements of Rule 241 of these rules.
- e- d. An application for a new permit or permit revision shall contain an assessment of the applicability of the requirements established under Rule 372-Maricopa County Hazardous Air Pollutants (HAPs) Program of these rules. If the proposed new source permit or permit revision is subject to the requirements of Rule 372-Maricopa County Hazardous Air Pollutants (HAPs) Program of these rules, the application shall comply with all applicable requirements of Rule 372-Maricopa County Hazardous Air Pollutants (HAPs) Program of these rules.
- d- e. An application to construct or reconstruct any major source of hazardous air pollutants shall contain a determination that maximum achievable control technology (MACT) for new sources under Section 112 of the Act will be met. Where MACT has not been established by the Administrator, such determination shall be made on a case-by-case basis under 40 C.F.R. 63.40 through 63.44, as incorporated by reference in Rule 370-Federal Hazardous Air Pollutant Program of these rules. For purposes of this section of this rule, constructing or reconstructing a major source shall have the meaning prescribed in 40 C.F.R. 63.41, as incorporated by reference in Rule 370-Federal Hazardous Air Pollutant Program of these rules.



- e- **f.** An application for a new permit, a permit revision, or a permit renewal shall be deemed to be complete, unless the Control Officer notifies the applicant by certified mail within 60 days of receipt of the application that the application is not complete. For a proposed new major source or a major modification subject to the requirements of Rule 240-~~Permit Requirements For New Major Sources And Major Modifications To Existing Major Sources~~ Federal Major New Source Review (NSR) of these rules, the permit application shall be deemed to be submitted on the date that the completeness determination is made under Rule 240-~~Permit Requirements For New Major Sources And Major Modifications To Existing Major Sources~~ of these rules.
- f. **g.** If, while processing an application that has been determined or deemed to be complete, the Control Officer determines that additional information is necessary to evaluate or to take final action on that application, the Control Officer may request such information in writing and may set a reasonable deadline for a response. Except for minor permit revisions as set forth in Section 405 of this rule, a source's ability to continue operating without a permit, as set forth in this rule, shall be in effect from the date the application is determined to be complete until the final permit is issued, provided that the applicant submits any requested additional information by the deadline specified by the Control Officer. The Control Officer may, after one submittal by the applicant under this rule, reject an application that is still determined to be incomplete and shall notify the applicant of the decision by certified mail.
- g. **h.** The completeness determination shall not apply to revisions processed through the minor permit revision process.
- h. **i.** To be complete, an application for a new permit or an application for a permit revision shall list and generally group activities, if applicable, which are insignificant as defined in Rule 100-General Provisions And Definitions of these rules ~~and which are listed in Appendix D List Of Insignificant Activities of these rules~~. The application need not provide emissions data regarding insignificant activities. If the Control Officer determines that an activity listed as insignificant does not meet the requirements of insignificant as defined in Rule 100-General Provisions And Definitions of these rules ~~and as listed in Appendix D List Of Insignificant Activities of these rules~~ (i.e., if emissions estimates are needed for another purpose, such as determining the amount of permit fees), then the Control Officer shall notify the applicant in writing and shall specify additional information required.



h. **i.** If a permit applicant requests terms and conditions allowing for the trading of emission increases and decreases in the permitted source solely for the purpose of complying with a federally enforceable emission cap that is established in the permit independent of otherwise applicable requirements, the permit applicant shall include in its application proposed replicable procedures and permit terms that ensure the emissions trades are quantifiable and enforceable.

j. **k.** The Control Officer agrees with a notice of confidentiality submitted under A.R.S. §49-487.

301.5 A source that has submitted information with an application under a claim of confidentiality under A.R.S. § 49-487 and Rule 200-Permit Requirements of these rules shall submit a copy of such information directly to the Administrator.

301.6 Duty To Supplement Or Correct Application: Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information. In addition, an applicant shall provide additional information as necessary to address any requirements that become applicable to the source after the date it filed a complete application but prior to release of a proposed permit.

301.7 Certification Of Truth, Accuracy, And Completeness: Any application form, report, or compliance certification submitted under these rules shall contain certification by a responsible official of truth, accuracy, and completeness of the application as of the time of submittal. This certification and any other certification required under this rule shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

301.8 Action on Application:

a. The Control Officer may issue a permit with a compliance schedule for a source that is not in compliance with all applicable requirements at the time of permit issuance.

b. In addition, the Control Officer may issue, revise, or renew a permit only if all of the following conditions have been met:

(1) The permit application received must be complete according to Section 301.4 of this rule.



- (2) Except for revisions qualifying as administrative or minor under Sections 404 and 405 of this rule, all of the requirements for public notice and participation under Section 408 of this rule must have been met.
 - (3) The Control Officer shall have complied with the requirements of Section 303 of this rule for notifying and responding to affected states and if applicable, other notification requirements of Rule 240, Section ~~304.2~~ 307.2 Action On Application And Notification Requirements and Rule 240, Section 511.3(b)-Visibility Protection of these rules.
 - (4) The conditions of the permit shall require compliance with all applicable requirements.
 - (5) For permits for which an application is required to be submitted to the Administrator under Section 303.1 of this rule, and to which the Administrator has properly objected to its issuance in writing within 45 days of receipt of the proposed final permit and all necessary supporting information from the Department, the Control Officer has revised and submitted a proposed final permit in response to the objection and the Administrator has not objected to this proposed final permit within 45 days of receipt.
 - (6) For permits to which the Administrator has objected to issuance under a petition filed under 40 C.F.R. 70.8(d), the Administrator's objection has been resolved.
- c. The Control Officer may issue a notice of revocation of a permit issued under this rule if:
- (1) The Control Officer has reasonable cause to believe that the permit was obtained by fraud or misrepresentation.
 - (2) The person applying for the permit failed to disclose a material fact required by the permit application form or the regulation applicable to the permit, of which the applicant had or should have had knowledge at the time the application was submitted.
 - (3) The terms and conditions of the permit have been or are being violated and the violation has not been corrected within a reasonable period of time as specified by the Control Officer.
- d. If the Control Officer issues a notice of denial or revocation of a permit under this rule, the notice shall be served on the applicant or



permittee by certified mail, return receipt requested. The notice shall include a statement detailing the grounds for the denial or revocation and explaining that the permit applicant or permittee is entitled to a hearing under A.R.S. §49-482.

- e. The Control Officer shall provide a statement that sets forth the legal and factual basis for the proposed permit conditions including references to the applicable statutory or regulatory provisions. The Control Officer shall send this statement to the Administrator and to any other person who requests it.
- ~~f. Except as provided in 40 C.F.R. 70.4(b)(11), Rule 200 Permit Requirements of these rules and Rule 240 Permit Requirements For New Major Sources And Major Modifications To Existing Major Sources, of these rules, regulations promulgated under Title IV or Title V of the Act, or the permitting of affected sources under the acid rain program, the Control Officer shall take final action on each permit application (and request for revision or renewal) within 18 months after receiving a complete application.~~
- ~~g. f.~~ Priority shall be given by the Control Officer to taking action on applications for construction or modification submitted under Title I, Parts C-Prevention Of Significant Deterioration and D-New Source Review of the Act.
- ~~h. A proposed permit decision shall be published within nine months of receipt of a complete application and any additional information requested under Section 301.4(e) of this rule to process the application. The Control Officer shall provide notice of the decision as provided in Section 408 of this rule and any public hearing shall be scheduled as expeditiously as possible.~~

301.9 Requirement For A Permit: Except as noted under the provisions in Sections 403 and 405 of this rule, no source may operate after the time that it is required to submit a timely and complete application, except in compliance with a permit issued under this rule. However, if a source submits a timely and complete application for permit issuance, revision, or renewal, the source's failure to have a permit is not a violation of these rules until the Control Officer takes final action on the application. This protection shall cease to apply if, subsequent to the completeness determination, the applicant fails to submit, by the deadline specified in writing by the Control Officer, any additional information identified as being needed to process the application. If a source submits a timely and complete application for a permit renewal, but the Control Officer has failed to issue or deny the renewal permit before the end of the term of the



previous permit, then the permit shall not expire until the permit renewal has been issued or denied. This section of this rule does not affect a source's obligation to obtain a permit revision before making a modification to the source.

302 PERMIT CONTENTS:

302.1 Each permit issued under this rule shall include the following elements:

- a. The date of issuance, the permit term, and the deadline by which the permittee must renew the permit.
- b. Enforceable emission limitations and standards including those operational requirements and limitations that assures compliance with all applicable requirements at the time of issuance.
 - (1) The permit shall specify and reference the origin of and authority for each term or condition, and identify any difference in form as compared to the applicable requirement upon which the term or condition is based.
 - (2) The permit shall state that, where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act and incorporated under Rule 371-Acid Rain of these rules, both provisions shall be incorporated into the permit and shall be enforceable by the Administrator.
 - (3) Any permit containing an equivalency demonstration for an alternative emission limit submitted under Section 301.3 of this rule shall contain provisions to ensure that any resulting emissions limit has been demonstrated to be quantifiable, accountable, enforceable, and based on replicable procedures.
 - (4) The permit shall specify applicable requirements for fugitive emission limitations, regardless of whether the source category in question is included in the list of sources contained in the definition of major source in Rule 100-General Provisions and Definitions of these rules.
- c. As necessary, the following requirements with respect to monitoring:
 - (1) Requirements, including stipulated requirements, concerning the use, maintenance, and, where appropriate, installation of monitoring equipment or methods;



- (2) Where the applicable requirement does not require periodic testing or instrumental or non-instrumental monitoring (which may consist of recordkeeping designed to serve as monitoring), periodic monitoring sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the permit as reported under Section 302.1(d) of this rule. Such monitoring requirements shall ensure use of terms, test methods, units, averaging periods, and other statistical conventions consistent with the applicable requirement. Recordkeeping provisions may be sufficient to meet the requirements of this rule; and
 - (3) Any emissions monitoring and analysis procedures or test methods required under the applicable requirements, including any procedures and methods promulgated under Sections 114(a)(3) or 504(b) of the Act.
- d. With respect to recordkeeping, the permit shall incorporate all applicable recordkeeping requirements and require, where applicable, the following:
- (1) Records of required monitoring information that include the following:
 - (a) The date, place as defined in the permit, and time of sampling or measurements;
 - (b) The date(s) analyses were performed;
 - (c) The name of the company or entity that performed the analysis;
 - (d) The analytical techniques or methods used;
 - (e) The results of such analysis; and
 - (f) The operating conditions as existing at the time of sampling or measurement.
 - (2) Retention of records of all required monitoring data and support information for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.



- e. With respect to reporting, the permit shall incorporate all applicable reporting requirements and require the following:
- (1) Submittal of reports of any required monitoring at least every six months. All instances of deviations from permit requirements shall be clearly identified in such reports. All required reports shall be certified by a responsible official consistent with Section 301.7 and Section 305.1(e) of this rule.
 - (2) Prompt reporting of deviations from permit requirements, including those attributable to upset conditions as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken. The Control Officer shall define "prompt" in relation to the degree and type of deviation likely to occur and the applicable requirements.
- f. A permit condition prohibiting emissions exceeding any allowances that the source lawfully holds under Title IV of the Act or the regulations promulgated thereunder and incorporated under Rule 371-Acid Rain of these rules.
- (1) No permit revision shall be required for increases in emissions that are authorized by allowances acquired under the acid rain program and incorporated under Rule 371-Acid Rain of these rules, provided that such increases do not require a permit revision under any other applicable requirement.
 - (2) No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to non-compliance with any other applicable requirement.
 - (3) Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Act.
 - (4) Any permit issued under the requirements of this rule and Title V of the Act to a unit subject to the provisions of Title IV of the Act and incorporated under Rule 371-Acid Rain of these rules shall include conditions prohibiting all of the following:
 - (a) Annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide held by the owners or operators of the unit or the designated representative of the owners or operators.



- (b) Exceedances of applicable emission rates.
 - (c) The use of any allowance prior to the year for which it was allocated.
 - (d) Violation of any other provision of the permit.
- g. A severability clause to ensure the continued validity of the various permit requirements in the event of a challenge to any portions of the permit.
- h. Provisions stating the following:
 - (1) That the permittee shall comply with all conditions of the permit including all applicable requirements of Arizona air quality statutes and the air quality rules. Compliance with permit terms and conditions does not relieve, modify, or otherwise affect the permittee's duty to comply with all applicable requirements of Arizona air quality statutes and the Maricopa County Air Pollution Control Regulations. Any permit non-compliance is grounds for enforcement action; for a permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application. Non-compliance with any federally enforceable requirement in a permit constitutes a violation of the Act.
 - (2) That the permittee shall halt or reduce the permitted activity in order to maintain compliance with applicable requirements of Federal laws, Arizona laws, these rules, or other conditions of the permit.
 - (3) That the permit may be revised, reopened, revoked and reissued, or terminated for cause. The filing of a request by a 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.
 - (4) That the permit does not convey any property rights nor exclusive privilege, of any sort.
 - (5) That 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 the permit, 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 directly to the Administrator along with a claim of confidentiality.

- (6) For any major source operating in a nonattainment area for any pollutant(s) for which the source is classified as a major source, the source shall comply with reasonably available control technology (RACT) as defined in Rule 100-General Provisions And Definitions of these rules.
- (7) For any major source operating in a nonattainment area designated as serious for PM₁₀, for which the source is classified as a major source for PM₁₀, the source shall comply with the best available control technology (BACT), as defined in Rule 100-General Provisions And Definitions of these rules, for PM₁₀.
 - i. A provision to ensure that a source pays fees to the Control Officer under A.R.S. §49-480(D) and Rule 280-Fees of these rules.
 - j. A provision stating that no permit revision shall be required under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in the permit.
 - k. Terms and conditions for reasonably anticipated operating scenarios identified by the source in its application as approved by the Control Officer. Such terms and conditions:
 - (1) Shall require the source, contemporaneously with making a change from one operating scenario to another, to record in a log at the permitted source a record of the scenario under which it is operating;
 - (2) Shall extend the permit shield described in Section 407 of this rule to all terms and conditions under each such operating scenario; and
 - (3) Must ensure that the terms and conditions of each such alternative scenario meet all applicable requirements and the requirements of this rule.
 - l. Terms and conditions, if the permit applicant requests them, as approved by the Control Officer, for the trading of emissions increases and decreases in the permitted source, to the extent that the applicable requirements provide for trading increases and decreases without a



case-by-case approval of each emissions trade. Such terms and conditions:

- (1) Shall include all terms required under Section 302.1 and Section 302.3 of this rule to determine compliance;
 - (2) May extend the permit shield described in Section 302.4 of this rule to all terms and conditions that allow such increases and decreases in emissions; and
 - (3) Shall meet all applicable requirements and requirements of this rule.
- m.** Terms and conditions, if the permit applicant requests them and they are approved by the Control Officer, setting forth intermittent operating scenarios including potential periods of downtime. If such terms and conditions are included, the county's emissions inventory shall not reflect the zero emissions associated with the downtime.
- n.** If a permit applicant requests it, the Control Officer shall issue permits that contain terms and conditions allowing for the trading of emission increases and decreases in the permitted source solely for the purpose of complying with a federally enforceable emission cap that is established in the permit independent of otherwise applicable requirements. The permit applicant shall include in its application proposed replicable procedures and permit terms that ensure the emissions trades are quantifiable and enforceable. The Control Officer shall not be required to include in the emissions trading provisions any emissions units for which emissions are not quantifiable or for which there are no replicable procedures to enforce the emissions trades. The permit shall also require compliance with all applicable requirements. Changes made under this section of this rule shall not include modifications under any provision of Title I of the Act and may not exceed emissions allowable under the permit. The terms and conditions shall include notice that (1) conforms to Section 403.4 and Section 403.5 of this rule and (2) describes how the increases or decreases in emissions will comply with the terms and conditions of the permit.
- o.** Such terms and conditions as are consistent with the requirements of this rule, of Rule 100-General Provisions And Definitions of these rules and of the Clean Air Act and are found by the Control Officer to be necessary.



- 302.2** Federally Enforceable Requirements: All terms and conditions in a Title V Permit shall be enforceable by the Administrator and citizens under the Act, including any provisions designed to limit a source’s potential to emit. However, the Control Officer shall specifically designate as not being federally enforceable under the Act any terms and conditions included in the Title V Permit that are not required under the Act or under any of its applicable requirements.
- 302.3** All applications for a permit required by this rule shall include a compliance plan meeting the requirements of Section 503 of the Act.
- 302.4** Each permit shall include the applicable permit shield provisions set forth in Section 407 of this rule.
- 302.5** A Title V permit issued to a major source shall require that revisions be made under Rule 200-Permit Requirements of these rules to incorporate additional applicable requirements adopted by the Administrator under the Act that become applicable to a source with a permit with a remaining permit term of three or more years. No revision shall be required if the effective date of the applicable requirements is after the expiration of the permit. The revisions shall be made as expeditiously as practicable, but not later than 18 months after the promulgation of such standards and regulations. Any permit revision required under this section of this rule shall comply with provisions in Rule 200-Permit Requirements of these rules for permit renewal and shall reset the five year permit term.

303 PERMIT REVIEW BY THE EPA AND AFFECTED STATES:

- 303.1** Except as provided in Section 301.5 of this rule and as waived by the Administrator, for each Title V permit, a copy of each of the following shall be provided to the Administrator as follows:
- a.** The applicant shall provide a complete copy of the application, including any attachments, compliance plans, and other information required by Section 301.4 of this rule at the time of submittal of the application to the Control Officer.
 - b.** The Control Officer shall provide the proposed final permit after public and affected State review.
 - c.** The Control Officer shall provide the final permit at the time of issuance.



- 303.2** The Control Officer may require the application information to be submitted in a computer-readable format compatible with the Administrator's national database management system.
- 303.3** The Control Officer shall keep all records associated with all permits including those records containing the calculations and rationale supporting the Control Officer's decision to issue a permit for a minimum of five years from permit issuance.
- 303.4** No permit for which an application is required to be submitted to the Administrator under Section 303.1 of this rule shall be issued if the Administrator properly objects to its issuance in writing within 45 days of receipt of the proposed final permit from the Control Officer and all necessary supporting information.
- 303.5 Review By Affected States:**
- a. For each Title V permit, the Control Officer shall provide notice of each proposed permit to any affected State on or before the time that the Control Officer provides this notice to the public as required under Section 408 of this rule except to the extent Section 405 of this rule requires the timing of the notice to be different.
 - b. If the Control Officer refuses to accept a recommendation of any affected State submitted during the public or affected State review period, the Control Officer shall notify the Administrator and the affected State in writing. The notification shall include the Control Officer's reasons for not accepting any such recommendation and shall be provided to the Administrator as part of the submittal of the proposed final permit. The Control Officer shall not be required to accept recommendations that are not based on federal applicable requirements or requirements of state law.
- 303.6** Any person who petitions the Administrator under 40 C.F.R. 70.8(d) shall notify the Control Officer by certified mail of such petition as soon as possible, but in no case more than 10 days following such petition. Such notice shall include the grounds for objection and whether such objections were raised during the public comment period. A petition for review does not stay the effectiveness of a permit or its requirements if the permit was issued after the end of the 45-day administrative review period and prior to the Administrator's objection.
- 303.7** If the Control Officer has issued a permit prior to receipt of the Administrator's objection under this rule, and the Administrator indicates that a permit should be revised or revoked and reissued, the Control



Officer shall respond consistent with Rule 200-Permit Requirements of these rules and may thereafter issue only a revised permit that satisfies the Administrator's objection. In any case, the source shall not be in violation of the requirement to have submitted a timely and complete application.

303.8 Prohibition on Default Issuance:

- a. No Title V permit including a permit renewal or revision shall be issued until affected States and the Administrator have had an opportunity to review the proposed permit.
- b. No permit or renewal shall be issued unless the Control Officer has acted on the application.

304 EMISSION STANDARDS AND LIMITATIONS: Wherever applicable requirements apply different standards or limitations to a source for the same item, all applicable requirements shall be included in the permit.

305 COMPLIANCE PLAN; CERTIFICATION:

305.1 All permits shall contain the following elements with respect to compliance:

- a. The following monitoring requirements sufficient to assure compliance with the terms and conditions of the permit:
 - (1) Any emissions monitoring and analysis procedures or test methods required under the applicable requirements, including any procedures and methods promulgated under Section 114(a)(3) or 504(b) of the Act;
 - (2) Where the applicable requirement does not require periodic testing or instrumental or non-instrumental monitoring (which may consist of recordkeeping designed to serve as monitoring), periodic monitoring sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the permit, as reported under Section 305.1(c) of this rule. Such monitoring requirements shall assure use of terms, test methods, units, averaging periods, and other statistical conventions consistent with the applicable requirements; and
 - (3) Requirements concerning the use, maintenance, and, where appropriate, installation of monitoring equipment or methods.
- b. All applicable recordkeeping requirements, as described in Section 302.1(d) of this rule.



- c. All applicable reporting requirements including the following:
- (1) Submittal of reports of any required monitoring at least every six months. All instances of deviations from permit requirements shall be clearly identified in such reports. All required reports shall be certified by a responsible official consistent with Section 305.1(e) of this rule.
 - (2) Reporting within two working days from knowledge of deviations from permit requirements, including those attributable to upset conditions as defined in the permit and the probable cause of such deviations. Reporting within a reasonable time of any long-term corrective actions or preventative measures taken.
- d. Requirements for compliance certification with terms and conditions contained in the permit, including emission limitations, standards, or work practices. Permits shall include each of the following:
- (1) The frequency for submissions of compliance certifications, which shall not be less than annually;
 - (2) The means to monitor the compliance of the source with its emissions limitations, standards, and work practices;
 - (3) A requirement that the compliance certification include the following:
 - (a) The identification of each term or condition of the permit that is the basis of the certification;
 - (b) The compliance status;
 - (c) Whether compliance was continuous or intermittent;
 - (d) The method(s) used for determining the compliance status of the source, currently and over the reporting period; and
 - (e) Other facts the Control Officer may require to determine the compliance status of the source.
 - (4) A requirement that all compliance certifications be submitted to the Control Officer and to the Administrator;
 - (5) Additional requirements specified in Sections 114(a)(3) and 504(b) of the Act or under Rule 220-Non-Title V Permit Provisions, Section 304-Permits Containing Voluntarily Accepted Emissions



Limitations, Controls, Or Other Requirements (Synthetic Minor) of these rules.

- e. A requirement for any document required to be submitted by a permit, including reports, to contain a certification by a responsible official of truth, accuracy, and completeness. This certification and any other certification required under this rule shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- f. Inspection and entry provisions which require the permittee to allow the Control Officer, upon presentation of proper credentials, to:
 - (1) Enter upon the permittee's premises where a source is located or emissions-related activity is conducted, or where records are required to be kept under the conditions of the permit;
 - (2) Have access to and copy, at reasonable times, any records that are required to be kept under the conditions of the permit;
 - (3) Inspect, at reasonable times, any sources, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit;
 - (4) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or other applicable requirements; and
 - (5) To record any inspection by use of written, electronic, magnetic, and photographic media.
- g. A compliance plan that contains all of the following:
 - (1) A description of the compliance status of the source with respect to all applicable requirements.
 - (2) A description as follows:
 - (a) For applicable requirements with which the source is in compliance, a statement that the source will continue to comply with such requirements.
 - (b) For applicable requirements that will become effective during the permit term, a statement that the source will meet such requirements on a timely basis.



- (c) For requirements with which the source is not in compliance at the time of permit issuance, a narrative description of how the source will achieve compliance with such requirements.
- (3) A compliance schedule as follows:
- (a) For applicable requirements with which the source is in compliance, a statement that the source will continue to comply with such requirements.
- (b) For applicable requirements that will become effective during the permit term, a statement that the source will meet such requirements on a timely basis. A statement that the source will meet in a timely manner applicable requirements that become effective during the permit term shall satisfy this rule, unless a more detailed schedule is expressly required by the applicable requirement.
- (c) A schedule of compliance for sources that are not in compliance with all applicable requirements at the time of permit issuance. Such a schedule shall include a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with any applicable requirement for which the source will be in noncompliance at the time of permit issuance. This compliance schedule shall resemble and be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. Any such schedule of compliance shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based.
- (4) A schedule for submission of certified progress reports no less frequently than every six months for sources required to have a schedule of compliance to remedy a violation. Such schedule shall contain:
- (a) Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
- (b) An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.



(5) The compliance plan content requirements specified in Section 305.1(g) of this rule shall apply and be included in the acid rain portion of a compliance plan for an affected source, except as specifically superseded by regulations promulgated under Title IV of the Act and incorporated under Rule 371-Acid Rain of these rules with regard to the schedule and method(s) the source will use to achieve compliance with the acid rain emissions limitations.

h. If there is a Federal Implementation Plan (FIP) applicable to the source, a provision that compliance with the FIP is required.

SECTION 400 - ADMINISTRATIVE REQUIREMENTS

401 FEES REQUIRED: Persons subject to this rule shall pay the fees required, as set forth in Rule 280-Fees of these rules.

402 PERMIT TERM: A Title V Permit shall remain in effect for no more than five years.

403 SOURCE CHANGES ALLOWED WITHOUT PERMIT REVISIONS:

403.1 A source with a Title V permit may make changes that contravene an express permit term without a permit revision if all of the following apply:

- a. The changes are not modifications under any provision of Title I of the Act or under A.R.S. §49-401.01(24) or as defined in Rule 100-General Provisions And Definitions of these rules;
- b. The changes do not result in emissions that exceed the emissions allowable under the permit whether expressed therein as a rate of emissions or in terms of total emissions;
- c. The changes do not violate any applicable requirements or trigger any additional applicable requirements;
- d. The changes meet all requirements for processing as a minor permit revision under Section 405 of this rule;
- e. The changes do not violate federally enforceable permit terms and conditions that are monitoring (including test methods), recordkeeping, reporting, or compliance certification requirements; and
- f. The changes do not constitute a minor NSR modification.



- 403.2** The substitution of an item of process or pollution control equipment for an identical or substantially similar item of process or pollution control equipment shall qualify as a change that does not require a permit revision, if it meets all of the requirements of Sections 403.1, 403.4, and 403.5 of this rule.
- 403.3** Except for sources with authority to operate under general permits, permitted sources may trade increases and decreases in emissions within the permitted source, as established in the permit under Section 302.1(l) of this rule, where an applicable implementation plan provides for such emissions trades, without applying for a permit revision and based on the seven working days notice prescribed in Section 403.4 of this rule. This provision is available in those cases where the permit does not already provide for such emissions trading, and shall not include any emissions units for which emissions are not quantifiable nor for which there are no replicable procedures to enforce the emissions trades.
- 403.4** For each such change under Sections 403.1 and 403.3 of this rule, a written notice either by hand delivery or by certified mail shall be received by the Control Officer and the Administrator, a minimum of seven working days in advance of the change. Notifications of changes associated with emergency conditions, such as malfunctions necessitating the replacement of equipment, may be provided less than seven working days in advance of the change but must be provided as far in advance of the change, or if advance notification is not practicable, as soon after the change as possible.
- 403.5** Each notification shall include:
- a. When the proposed change will occur.
 - b. A description of each such change.
 - c. Any change in emissions of regulated air pollutants.
 - d. The pollutants emitted subject to the emissions trade, if any.
 - e. The provisions in the implementation plan that provide for the emissions trade with which the source will comply and any other information as may be required by the provisions in the implementation plan authorizing the trade.
 - f. If the emissions trading provisions of the implementation plan are invoked, then the permit requirements with which the source will comply.



g. Any permit term or condition that is no longer applicable as a result of the change.

403.6 The permit shield described in Section 407 of this rule shall not apply to any change made under Section 403.1 through Section 403.3 of this rule. Compliance with the permit requirements that the source will meet using the emissions trade shall be determined according to requirements of the implementation plan authorizing the emissions trade.

403.7 Except as otherwise provided for in the permit, making a change from one alternative operating scenario to another, as provided in Section 302.1(k) of this rule, shall not require any prior notice under this rule.

~~403.8 Notwithstanding any other part of this rule, the Control Officer may require a permit to be revised for any change that, when considered together with any other changes submitted by the same source under this rule over the term of the permit, does not satisfy Section 403.1 of this rule.~~

~~403.9~~ **403.8** The Control Officer shall make available to the public monthly summaries of all notices received under this rule.

404 ADMINISTRATIVE PERMIT AMENDMENTS:

404.1 Except for provisions to Title IV of the Act, an administrative permit amendment is a permit revision that does any of the following:

- a. Corrects typographical errors;
- b. Identifies a change in the name, address, or phone number of any person identified in the permit or provides a similar minor administrative change at the source;
- c. Requires more frequent monitoring or reporting by the permittee; or
- d. Allows for a change in ownership or operational control of a source under Rule 200-Permit Provisions of these rules, where the Control Officer determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the Control Officer.

404.2 Administrative permit amendments to Title IV provisions of the permit shall be governed by regulations promulgated by the Administrator under Title IV of the Act or incorporated under Rule 371-Acid Rain of these rules.



404.3 The Control Officer shall take no more than 60 days from receipt of a request for an administrative permit amendment to take final action on such request. Title V permits may incorporate such changes without providing notice to the public or affected States provided that such permits designate that such permit revisions have been made under this rule.

404.4 The Control Officer shall submit a copy of Title V permits revised under this rule to the Administrator.

404.5 Source's Ability To Make A Change: Except for permit transfers described in Rule 200-Permit Provisions of these rules, the source may implement the changes addressed in the request for an administrative permit amendment immediately upon submittal of the request.

405 MINOR PERMIT REVISIONS:

405.1 Minor permit revision procedures may be used only for those changes at a Title V source that satisfy all of the following:

- a. Do not violate any applicable requirement;
- b. Do not involve substantive changes to existing monitoring, reporting, or recordkeeping requirements in the permit;
- c. Do not require or change:
 - (1) A case-by-case determination of an emission limitation or other standard,
 - (2) A source specific determination of ambient impacts, or
 - (3) A visibility or increment analysis.
- d. Do not seek to establish nor to change a Title V permit term or condition for which there is no corresponding underlying applicable requirement and that the Title V source has assumed in order to avoid an applicable requirement to which the Title V source would otherwise be subject. Such terms and conditions include:
 - (1) A federally enforceable emissions cap which the Title V source would assume to avoid classification as a modification under any provision of Title I of the Act; and
 - (2) An alternative emissions limit approved under regulations promulgated under the Section 112(i)(5) of the Act.



- e. Are not modifications under any provision of Title I of the Act or Rule 372-Maricopa County Hazardous Air Pollutants (HAPs) Program of these rules.
- f. Are not changes in fuels not represented in the permit application or provided for in the Title V permit.
- g. ~~The increase in the Title V source's potential to emit for any regulated air pollutant is not significant as defined in Rule 100-General Provisions And Definitions of these rules. Are not minor NSR modifications subject to Rule 241 of these rules, except that minor NSR modifications subject to Rule 241, Section 310 of these rules may be processed as minor permit revisions; and~~
- h. Are not required to be processed as a significant permit revision under Section 406 of this rule.

405.2 As approved by the Control Officer, minor permit revision procedures may be used for Title V permit revisions involving the use of economic incentives, marketable permits, emissions trading, and other similar approaches, to the extent that such minor permit revision procedures are explicitly provided for in an applicable implementation plan or in applicable requirements promulgated by the Administrator.

405.3 To request a minor permit revision, a source shall complete the “Standard Permit Application Form” and shall include the following information:

- a. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
- b. For any source that is making the change immediately after it files the application, the Title V source's suggested draft permit; and
- c. Certification by a responsible official that the proposed revision meets the criteria for use of minor permit revision procedures and a request that such procedures be used.

405.4 EPA and Affected State Notification: Within five working days of the Control Officer’s receipt of an application for a minor permit revision, the Control Officer shall notify the Administrator and affected States of the requested permit revision in accordance with Section 303 of this rule.

405.5 The Control Officer shall not issue a final permit revision until after the Administrator’s 45-day review period or until the Administrator has notified the Control Officer that the Administrator will not object to



issuance of the permit revision, whichever is first. ~~Although,~~ although the Control Officer may approve the permit revision prior to that time. Within 90 days of the Control Officer's receipt of an application under minor permit revision procedures, or 15 days after the end of the Administrator's 45-day review period, whichever is later, the Control Officer shall do one or more of the following:

- a. Issue the permit revision as proposed;
- b. Deny the permit revision application;
- c. Determine that the proposed permit revision does not meet the minor permit revision criteria and should be reviewed under the significant permit revision procedures; and/or
- d. Revise the proposed permit revision and transmit to the Administrator the new proposed permit revision as required in Section 303 of this rule.

405.6 Source's Ability to Make Change: The source may make the change proposed in its minor permit revision application immediately after it files the application. After ~~the~~ a Title V source makes the change allowed by the preceding sentence, and until the Control Officer takes any of the actions specified in Section 405.5 of this rule, the source shall comply with both the applicable requirements governing the change and the proposed revised permit terms and conditions. During this time period, the Title V source need not comply with the existing permit terms and conditions it seeks to modify. However, if the Title V source fails to comply with its proposed permit terms and conditions during this time period, the Control Officer may enforce existing permit terms and conditions, which the Title V source seeks to revise.

405.7 Permit Shield: The permit shield under Section 407 of this rule shall not extend to minor permit revisions.

405.8 Notwithstanding any other part of this rule, the Control Officer may require a permit to be revised under Section 406 of this rule for any change that, when considered together with any other changes submitted by the same source under this rule or under Section 404 of this rule over the life of the permit, do not satisfy Section 405.1 of this rule.

405.9 The Control Officer shall make available to the public monthly summaries of all applications for minor permit revisions.

406 SIGNIFICANT PERMIT REVISIONS:



- 406.1** A significant permit revision shall be used for an application requesting a permit revision that does not qualify as a minor permit revision nor as an administrative permit amendment.
- 406.2** A significant permit revision that is only required because of a change described in Section 405.1(f) or Section 405.1(g) of this rule shall not be considered a significant permit revision under Part 70 for the purposes of 40 C.F.R. 64.5(a)(2). Every significant change in existing monitoring permit terms or conditions and every relaxation of reporting or recordkeeping permit terms or conditions shall follow significant permit revision procedures.
- 406.3** Any modification to a major source of federally listed hazardous air pollutants, and any reconstruction of a source, or a process or production unit, under Section 112(g) of the Act and regulations promulgated thereunder, shall follow significant permit revision procedures and Rule 372-Maricopa County Hazardous Air Pollutants (HAPs) Program of these rules.
- 406.4** All modifications to sources subject to Rule 372-Maricopa County Hazardous Air Pollutants (HAPs) Program of these rules shall follow significant permit revision procedures.
- 406.5** Significant permit revisions shall meet all requirements of this rule for applications, public participation, review by affected States, and review by the Administrator, that apply to permit issuance and renewal.
- 406.6** ~~The Control Officer shall process the majority of significant permit revision applications received each calendar year within nine months of receipt of a complete permit application but in no case longer than 18 months. Applications for which the Control Officer undertakes the accelerated permitting process, under Rule 200, Section 312 of these rules, shall not be included in this requirement. Section 406.7 of this rule does not change any time frame requirements in Section 301 of this rule.~~

407 PERMIT SHIELDS:

- 407.1** Each Title V permit issued under this rule shall specifically identify all federal, state, and local air pollution control requirements applicable to the Title V source at the time the Title V permit is issued. The Title V permit shall state that compliance with the conditions of the Title V permit shall be deemed compliance with any applicable requirement as of the date of Title V permit issuance, provided that such applicable requirements are included and expressly identified in the Title V permit. The Control Officer may include in a Title V permit determination that other



requirements specifically identified are not applicable. Any Title V permit issued under this rule that does not expressly state that a permit shield exists shall not provide such a shield.

407.2 Nothing in this rule or in any permit shall alter or affect the following:

- a. The provisions of Section 303 of the Act-Emergency Orders, including the authority of the Administrator under that section.
- b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance.
- c. The applicable requirements of the acid rain program, consistent with Section 408(a) of the Act.
- d. The ability of the Administrator or of the Control Officer to obtain information from a source under Section 114 of the Act, or any provision of State law.
- e. The authority of the Control Officer to require compliance with new applicable requirements adopted after the permit is issued.

407.3 In addition to the provisions of Rule 200-Permit Requirements of these rules, a permit shall be reopened by the Control Officer and the permit shield revised, when it is determined that standards or conditions in the permit are based on incorrect information provided by the applicant.

408 PUBLIC PARTICIPATION:

408.1 The Control Officer shall provide public notice, an opportunity for public comment, and an opportunity for a hearing before taking any of the following actions for a source required to obtain a permit under Title V of the Clean Air Act:

- a. Issuing or renewing a permit.
- b. Issuing a significant permit revision.
- c. Revoking and reissuing or reopening a permit.
- d. Issuing a conditional order under Rule 120-Conditional Orders of these rules.
- e. Granting a variance from a general permit under Rule 230-General Permits of these rules and Rule 372-Maricopa County Hazardous Air Pollutants (HAPs) Program of these rules.



- 408.2** The Control Officer shall provide public notice of receipt of complete applications for ~~major sources~~ permits or permit revisions subject to Rule 240 of these rules by publishing a notice in a newspaper of general circulation in Maricopa County.
- 408.3** The Control Officer shall provide the notice required under Section 408.1 of this rule as follows:
- a.** The Control Officer shall publish the notice once each week for two consecutive weeks in two newspapers of general circulation in the county where the source is or will be located.
 - b.** The Control Officer shall mail a copy of the notice to persons on a mailing list developed by the Control Officer consisting of those persons who have requested in writing to be placed on such a mailing list.
 - c.** **The** Control Officer shall give notice by other means if necessary to assure adequate notice to the affected public.
- 408.4** The notice required by Section 408.3 of this rule shall include the following:
- a.** Identification of the affected facility;
 - b.** Name and address of the permittee or applicant;
 - c.** Name and address of the permitting authority processing the permit action;
 - d.** The activity or activities involved in the permit action;
 - e.** The emissions change involved in any permit revision;
 - f.** The air contaminants to be emitted;
 - g.** A statement that any person may submit written comments, or a written request for a public hearing, or both, on the proposed permit action along with the deadline for such requests or comments;
 - h.** The name, address, and telephone number of a person from the Department from whom additional information may be obtained;
 - i.** Locations where copies of the permit or permit revision application, the proposed permit, and all other materials available to the Control Officer that are relevant to the permit decision may be reviewed,



including the closest Department office, and the times at which such materials shall be available for public inspection;

- j. A summary of any notice of confidentiality filed under Rule 100-General Provisions And Definitions of these rules; and
- k. If applicable, a statement that the source has submitted a risk management analysis (RMA) under Rule 372-Maricopa County Hazardous Air Pollutants (HAPs) Program of these rules.
- l. A statement in the public record if the permit or permit revision would result in the generation of emission reduction credits under A.A.C. R18-2-1204-Title 18, Chapter 2, Article 12 or the utilization of emission reduction credits under A.A.C. R18-2-1206-Title 18, Chapter 2, Article 12.

408.5 The Control Officer shall hold a public hearing to receive comments on petitions for conditional orders, which would vary from requirements of the applicable implementation plan. For all other actions involving a proposed permit, the Control Officer shall hold a public hearing only upon written request. If a public hearing is requested, the Control Officer shall schedule the hearing and publish notice as described in A.R.S. §49-498 and in Section 408.4 of this rule. The Control Officer shall give notice of any public hearing at least 30 days in advance of the hearing.

408.6 At the time the Control Officer publishes the first notice under Section 408.3(a) of this rule, the applicant shall post a notice containing the information required in Section 408.4 of this rule at the site where the source is or may be located. Consistent with federal, State, and local law, the posting shall be prominently placed at a location under the applicant's legal control, adjacent to the nearest public roadway, and visible to the public using the public roadway. If a public hearing is to be held, the applicant shall place an additional posting providing notice of the hearing. Any posting shall be maintained until the public comment period is closed.

408.7 The Control Officer shall provide at least 30 days from the date of the first notice for public comment to receive comments and requests for a hearing. The Control Officer shall keep a record of the commenters and of the issues raised during the public participation process and shall prepare written responses to all comments received. At the time a final ~~decision is made~~ proposed permit is submitted to the EPA, the record and copies of the Control Officer's responses shall be made available to the applicant and to all commenters.

SECTION 500 – MONITORING AND RECORDS (NOT APPLICABLE)



REGULATION II - PERMITS AND FEES

RULE 220 NON-TITLE V PERMIT PROVISIONS

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~~Revised 07/13/88~~
~~Repealed And Adopted 11/15/93~~
~~Revised 02/15/95~~
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MARICOPA COUNTY
AIR POLLUTION CONTROL REGULATIONS
REGULATION II - PERMITS AND FEES

RULE 220
NON-TITLE V PERMIT PROVISIONS

SECTION 100 - GENERAL

- 101 PURPOSE:** To provide an orderly procedure for the review of Non-Title V sources of air pollution through the issuance of Non-Title V permits.
- 102 APPLICABILITY:** This rule applies to each source requiring a Non-Title V permit or permit revision.

SECTION 200 - DEFINITIONS (NOT APPLICABLE) See Rule 100-General Provisions And Definitions of these rules for definitions of terms that are used but not specifically defined in this rule.

SECTION 300 - STANDARDS

301 PERMIT APPLICATION PROCESSING PROCEDURES:

301.1 Standard Application Form And Required Information: To apply for a permit under this rule, applicants shall complete a permit application filed in the manner and form prescribed by the Control Officer. The Control Officer, either upon the Control Officer's own initiative or upon the request of a permit applicant, may waive the requirement that specific information or data for a particular source or category of sources be submitted in the Non-Title V permit application. However, the Control Officer must determine that the information or data would be unnecessary to determine all of the following:

- a.** The applicable requirements to which the source may be subject;



- b. The design and control of the air pollution control equipment such that the source may be expected to operate without emitting or without causing to be emitted air contaminants in violation of these rules;
- c. The fees to which the source may be subject under Rule 280-Fees of these rules; and
- d. A proposed emission limitation, control, or other requirement that meets the requirements of Section 304 of this rule.

301.2 Permit Application And A Compliance Plan:

- a. A permit application, required by this rule, shall include a compliance plan, if applicable, which meets the requirements of Section 303 of this rule when a notice of violation has been issued and not resolved at the time the permit application is filed.
- b. A permit application, required by this rule, can include a compliance plan, if applicable, which meets the requirements of Section 303 of this rule when the following circumstances occur:
 - (1) When a source is not in compliance with these rules but has not been issued a notice of violation,
 - (2) Under other circumstances determined by the Control Officer.

301.3 A Timely Permit Application:

- a. For a source, ~~other than a major source, applying for a permit for the first time,~~ that becomes subject to the permit program as a result of a change in regulation and not as a result of construction or a physical or operational change, one that is submitted within 12 months after the source becomes subject to the permit program.
- ~~a.b.~~ Unless otherwise required by Rule 200 Permit Requirements of these rules and for For purposes of permit renewal, a timely application is one that is submitted at least six months, but not more than 18 months, prior to the date of permit expiration.
- ~~b. c.~~ Unless otherwise required by Rule 200-Permit Requirements of these rules and for any existing source which becomes subject to a standard promulgated by the Administrator under Section 112(d) of the Act-Hazardous Air Pollutants-Emission Standards, a timely application is a permit revision application that is submitted within 12 months of the date on which the standard is promulgated. Such permit revision



application shall be subject to Rule 210-Title V Permit Provisions of these rules.

301.4 A complete application is one that satisfies all of the following:

- a. To be complete, an application shall provide all information required under Section 301.1 of this rule, except that notifications of permit revision need supply such information only if it is related to the proposed change. A responsible official shall certify the submitted information, consistent with Section 301.6 of this rule.
- b. To be complete, an application for a new permit or a notification of a permit revision shall contain an assessment of the applicability of the requirements of Rule 241-~~Permits For New Sources And Modifications To Existing Sources~~ Minor New Source Review (NSR) of these rules and shall comply with all applicable requirements of Rule 241-~~Permits For New Sources And Modifications To Existing Sources~~ Minor New Source Review (NSR) of these rules. If the applicant determines that the proposed new source is subject this Rule 241 of these rules, or the proposed permit revision constitutes a minor NSR modification, then the application shall comply with all applicable requirements of Rule 241 of these rules.
- c. To be complete, an application for a new permit or a notification of a permit revision shall contain an assessment of the applicability of the requirements established under Rule 372-Maricopa County Hazardous Air Pollutants (HAPs) Program of these rules. If the proposed new source permit or the proposed permit revision is subject to the requirements of Rule 372-Maricopa County Hazardous Air Pollutants (HAPs) Program of these rules, the application shall comply with all applicable requirements of Rule 372-Maricopa County Hazardous Air Pollutants (HAPs) Program of these rules.
- d. An application for a new permit, a notification of a permit revision, or a permit renewal shall be deemed to be complete unless the Control Officer notifies the applicant by certified mail within 60 days of receipt of the application that the application is not complete and specifies what additional information is necessary for the application to be complete.
- e. If, while processing an application that has been determined or deemed to be complete, the Control Officer determines that additional information is necessary to evaluate or to take final action on that application, the Control Officer may request such information in writing and may set a reasonable deadline for a response. Except for



minor permit revisions procedures as set forth in Section 406 of this rule, a source's ability to continue operating without a permit, as set forth in this rule, shall be in effect from the date the application is determined to be complete until the final permit is issued, provided that the applicant submits any requested additional information by the deadline specified by the Control Officer. The Control Officer may, after one submittal by the applicant under this rule, reject an application that is still determined to be incomplete and shall notify the applicant of the decision by certified mail.

- f. The completeness determination shall not apply to revisions processed through the minor permit revision process.
- g. The Control Officer agrees with the notice of confidentiality submitted under A.R.S. §49-487.
- h. Any emission source or equipment item listed in Rule 200-Permit Requirements of these rules shall be included in the application. The application need not provide emissions data regarding the activities listed in Rule 200-Permit Requirements of these rules. If the Control Officer determines that a source or an activity listed on the application does not meet the requirements of Rule 200-Permit Requirements of these rules, the Control Officer shall notify the applicant in writing and specify additional information required, which may include emissions data and supporting documents.
- i. **If** a source wishes to voluntarily enter into an emissions limitation, control, or other requirement pursuant to Section 304 of this rule, a source shall describe that emissions limitation, control, or other requirement in its application, along with proposed associated monitoring, recordkeeping, and reporting requirements necessary to demonstrate that the emissions limitation, control, or other requirement is permanent, quantifiable, and otherwise enforceable as a practical matter.

301.5 Duty To Supplement Or Correct Application: Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information. In addition, an applicant shall provide additional information as necessary to address any requirements that become applicable to the source after the date it filed a complete application but prior to release of a proposed permit.

301.6 Action on Application:



- a. The Control Officer may issue a permit with a compliance schedule for a source that is not in compliance with all applicable requirements at the time of permit issuance.
- b. For Non-Title V permits that contain voluntary emission limits, controls, or other requirements established under Section 304 of this rule, the Control Officer shall have complied with the requirement of Section 304.4 of this rule to provide the Administrator with a copy of each such proposed permit. In addition, the Control Officer may issue, revise, or renew a permit only if all of the following conditions have been met:
 - (1) The permit application received must be complete according to Section 301.4 of this rule.
 - (2) Except for revisions qualifying as administrative or minor under Sections 405.1 and 405.2 of this rule, all of the requirements for public notice and participation under Section 407 of this rule must have been met.
 - (3) The conditions of the permit shall require compliance with all applicable requirements.
 - (4) For permits for which an application is required to be submitted to the Administrator under Section 304 of this rule, and to which the Administrator has properly objected to its issuance in writing within 45 days of receipt of the proposed final permit and all necessary supporting information from the Control Officer, the Control Officer has revised and submitted a proposed final permit in response to the objection and the Administrator has not objected to this proposed final permit within 45 days of receipt.
- c. The Control Officer may issue a notice of revocation of a permit issued under this rule if:
 - (1) The Control Officer has reasonable cause to believe that the permit was obtained by fraud or misrepresentation.
 - (2) The person applying for the permit failed to disclose a material fact required by the permit application form or the regulation applicable to the permit, of which the applicant had or should have had knowledge at the time the application was submitted.



(3) The terms and conditions of the permit have been or are being violated and the violation has not been corrected within a reasonable period of time as specified by the Control Officer.

- d. If the Control Officer issues a notice of denial or revocation of a permit under this rule, the notice shall be served on the applicant or permittee by certified mail, return receipt requested. The notice shall include a statement detailing the grounds for the denial or revocation and explaining that the permit applicant or permittee is entitled to a hearing ~~under A.R.S. §49-482.~~
- e. Except as provided in Rule 200-Permit Requirements of these rules, the Control Officer shall take final action on each permit application (and request for revision or renewal) within 90 days of receipt of a complete application, unless a finding is made that more time is needed, but in no case longer than nine months after receiving a complete application.

301.7 Except as noted under the provisions in Section 404 of this rule, no source may operate after the time that it is required to submit a timely and complete application, except in compliance with a permit issued under this rule. However, if a source submits a timely and complete application for permit issuance, revision, or renewal, the source's failure to have a permit is not a violation of these rules until the Control Officer takes final action on the application. This protection shall cease to apply if, subsequent to the completeness determination, the applicant fails to submit, by the deadline specified in writing by the Control Officer, any additional information identified as being needed to process the application. If a source submits a timely and complete application for a permit renewal, but the Control Officer fails to issue or deny the renewal permit before the end of the term of the previous permit, then the permit shall not expire until the permit renewal has been issued or denied. This section of this rule does not affect a source's obligation to obtain a permit revision before making a modification to the source.

302 PERMIT CONTENTS: Each permit issued under this rule shall include the following elements:

302.1 The date of issuance and the permit term.

302.2 Enforceable emission limitations and standards, including those operational requirements and limitations that ensure compliance with all applicable requirements at the time of issuance, and operational requirements and limitations that have been voluntarily accepted under Section 304 of this rule, or that have been voluntarily accepted under Rule



201-Emissions Caps of these rules. Whenever more than one standard in this rule applies to any source, or whenever a standard in this rule and a standard in the Maricopa County Air Pollution Control Regulations Regulation III-Control Of Air Contaminants applies to any source, the rule or combination of rules resulting in the lowest rate or lowest concentration of regulated air pollutants released to the atmosphere shall apply, unless otherwise specifically exempted or designated.

- 302.3** A compliance plan, if applicable, which meets the requirements of Section 303 of this rule.
- 302.4** As necessary, requirements concerning the use, maintenance, and if applicable, installation of monitoring equipment or methods.
- 302.5** Periodic monitoring sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the permit, if the applicable requirement does not require periodic testing or instrumental or non-instrumental monitoring (which may consist of recordkeeping designed to serve as monitoring). The monitoring requirements shall ensure use of terms, test methods, units, averaging periods, and other statistical conventions consistent with the applicable requirement and as otherwise required under Section 304 of this rule. Recordkeeping provisions may be sufficient to meet the requirements of this rule.
- 302.6** All emissions monitoring and analysis procedures or test methods required under the applicable requirements, including any procedures and methods promulgated under Section 114(a)(3) of the Act and including any monitoring and analysis procedures or test methods required under Section 304 of this rule.
- 302.7** All recordkeeping requirements, including recordkeeping requirements established under Section 304 of this rule, if applicable, for the retention of records of all required monitoring data and support information for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
- 302.8** All applicable reporting requirements, ~~and require~~ including submittal of any required monitoring reports at least annually. ~~Upon request, such reporting requirements shall require~~ and prompt reporting of deviations from permit requirements, including those deviations attributable to upset conditions, as defined in the permit. Reports of deviations shall include the



probable cause of the deviations and any corrective actions or preventative measures taken. For the purposes of this Section, reporting shall be considered prompt when such reporting is made in accordance with Rule 130-Emergency Provisions of these rules.

- 302.9** A severability clause to ensure the continued validity of the various permit requirements in the event of a challenge to any portion of the permit.
- 302.10** Provisions stating that 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 the permit.
- 302.11** Provisions stating that the permit may be revised, reopened, revoked and reissued, or terminated for cause. 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 non-compliance does not stay any permit condition.
- 302.12** Provisions stating that the permit does not convey any property rights nor does it convey exclusive privileges of any sort.
- 302.13** Provisions stating that 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 the permit, 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.
- 302.14** Provisions stating that any document required to be submitted by a permit, including reports, shall contain certification by a responsible official of truth, accuracy, and completeness under Rule 100-General Provisions And Definitions of these rules.
- 302.15** A provision to ensure that a source pays fees to the Control Officer under A.R.S. §49-480(D) and Rule 280-Fees of these rules.
- 302.16** Terms and conditions for reasonably anticipated operating scenarios identified by the source in its application as approved by the Control Officer. Such terms and conditions shall require the source, contemporaneously with making a change from one operating scenario to another, to record in a log at the permitted source a record of the scenario under which it is operating. The terms and conditions of each such alternative scenario must meet all applicable requirements and the requirements of this rule.



- 302.17** Inspection and entry provisions which require the permittee to allow the Control Officer, upon presentation of proper credentials, to enter upon the permittee's premises, where a source is located or where emission-related activity is conducted, or where records are required to be kept, under the conditions of the permit.
- 302.18** Inspection and entry provisions which require the permittee to allow the Control Officer, upon presentation of proper credentials, to have access to and to copy, at reasonable times, any records that are required to be kept under the conditions of the permit.
- 302.19** Inspection and entry provisions which require the permittee to allow the Control Officer, upon presentation of proper credentials, to inspect, at reasonable times, any source's equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit.
- 302.20** Inspection and entry provisions which require the permittee to allow the Control Officer, upon presentation of proper credentials, to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or other applicable requirements.
- 302.21** Inspection and entry provisions which require the permittee to allow the Control Officer, upon presentation of proper credentials, to record any inspection by use of written, electronic, magnetic, and photographic media.
- 302.22** Provisions specifying the conditions under which the permit will be reopened prior to the expiration date of the permit.
- 302.23** Federally Enforceable Requirements: Designated terms and conditions contained in Non-Title V permits issued under Rule 220-Non-Title V Permit Provisions of these rules will be considered federally enforceable, provided that the County's Permit Program is approved by the Administrator and incorporated into the applicable State Implementation Plan (SIP) under Section 110 of the Act, and the permit meets the requirements set forth in Section 304 of this rule:
- a.** Terms or conditions designated as federally enforceable in a Non-Title V permit, including but not limited to those that are entered into voluntarily under Section 304 of this rule and which have been submitted to the Administrator for review, include:
 - (1)** Emissions limitations, controls, or other requirements; and



(2) Monitoring, recordkeeping, and reporting requirements associated with the emissions limitations, controls, or other requirements.

- b. The Control Officer shall specifically designate as not being federally enforceable under the Act any terms and conditions included in a Non-Title V permit that are not required under the Act, or under any such applicable requirements, or that are not entered into voluntarily under Section 304 of this rule.

302.24 Provisions stating that the permittee shall comply with all conditions of the permit including all applicable requirements of Arizona air quality statutes and the air quality rules. Compliance with permit terms and conditions does not relieve, modify, or otherwise affect the permittee's duty to comply with all applicable requirements of Arizona air quality statutes and the Maricopa County Air Pollution Control Regulations. Any permit non-compliance is grounds for enforcement action; for a permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application. Non-compliance with any federally enforceable requirement in a permit constitutes a violation of the Act.

303 COMPLIANCE PLANS: Each compliance plan shall contain the following elements:

303.1 A description of the compliance status of the source with respect to applicable requirements that will become effective during the permit term or for which the source is not in compliance at the time of permit issuance.

303.2 A description as follows:

- a. For applicable requirements that will become effective during the permit term, a statement that the source will meet such requirements on a timely basis.
- b. For requirements with which the source is not in compliance at the time of permit issuance, a narrative description of how the source will achieve compliance with such requirements.
- c. For additional requirements as may be specified under Section 304 of this rule.

303.3 A compliance schedule as follows:

- a. For applicable requirements that will become effective during the permit term, a statement that the source will meet such requirements on a timely basis. A statement that the source will meet in a timely manner applicable requirements that become effective during the



permit term shall satisfy this rule, unless a more detailed schedule is expressly required by the applicable requirement.

- b. A schedule of compliance for sources that are not in compliance with all applicable requirements at the time of permit issuance. Such a schedule shall include a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with any applicable requirement for which the source will be in non-compliance at the time of permit issuance. This compliance schedule shall resemble and be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. Any such schedule of compliance shall be supplemental to, and shall not sanction non-compliance with, the applicable requirements on which it is based.

303.4 A schedule for submission of certified progress reports no less frequently than every six months for sources required to have a schedule of compliance to remedy a violation. Such schedule shall contain:

- a. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones, or compliance were achieved; and
- b. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

303.5 If there is a Federal Implementation Plan (FIP) applicable to the source, a provision that compliance with the FIP is required.

303.6 The Control Officer may develop special guidance documents and forms to assist certain sources in completing the compliance plan.

304 PERMITS CONTAINING VOLUNTARILY ACCEPTED EMISSIONS LIMITATIONS, CONTROLS, OR OTHER REQUIREMENTS (SYNTHETIC MINOR):

304.1 A source may voluntarily propose in its application, and accept in its permit, emissions limitations, controls, or other requirements that are permanent, quantifiable, and otherwise enforceable as a practical matter in order to avoid classification as a source that requires a Title V permit, or to avoid one or more other applicable requirements. For the purposes of this rule, "enforceable as a practical matter" means that specific means to assess compliance with an emissions limitation, control, or other requirement are provided for in the permit in a manner that allows



compliance with the limit standard or trade provision to be readily determined by an inspection of the source records or reports. In addition, for the purposes of this rule, “enforceable as a practical matter” shall include the following criteria:

- a. The permit conditions are permanent and quantifiable;
- b. The permit includes a legally enforceable obligation to comply;
- c. The permit limits impose an objective and quantifiable operational or production limit, or require the use of in-place air pollution control equipment;
- d. The permit limits have short-term averaging times consistent with the averaging times of the applicable requirement;
- e. The permit conditions are enforceable and are independent of any other applicable limitations; and
- f. The permit conditions for monitoring, recordkeeping, and reporting requirements are sufficient to comply with Rule 220-Non-Title V Permit Provisions, Sections 302.3, 302.4, 302.5, 302.6, and 302.7 of these rules.

304.2 In order for a source to obtain a permit containing voluntarily accepted emissions limitations, controls, or other requirements, the source shall demonstrate all of the following in its permit application:

- a. The emissions limitations, controls, or other requirements to be imposed for the purpose of avoiding an applicable requirement are at least as stringent as the emissions limitations, controls, or other requirements that would otherwise be applicable to that source, including those that originate in an applicable implementation plan; and
- b. All voluntarily accepted emissions limitations, controls, or other requirements will be permanent, quantifiable, and otherwise enforceable as a practical matter.

304.3 The Control Officer shall not issue a permit that waives nor makes less stringent any limitations or requirements contained in or issued under an applicable implementation plan or that are otherwise federally enforceable.

304.4 At the same time as notice of proposed issuance is first published under A.R.S. §49-426(D), the Control Officer shall send a copy of any Non-Title



V permit proposed to be issued under Section 304 of this rule to the Administrator review during the comment period described in the notice under Section 407 of this rule.

304.5 The Control Officer shall send a copy of each final permit issued under Section 304 of this rule to the Administrator.

304.6 For all permits containing voluntarily accepted emission limitations, controls, or other requirements established under this section, the Control Officer shall provide an opportunity for public participation as provided for in Section 407 of this rule.

SECTION 400 - ADMINISTRATIVE REQUIREMENTS

401 FEES REQUIRED: Persons subject to this rule shall pay the fees required, as set forth in Rule 280-Fees of these rules.

402 PERMIT TERM: A Non-Title V permit shall remain in effect for no more than five years.

403 SOURCE CHANGES THAT REQUIRE NON-TITLE V PERMIT REVISIONS:

403.1 A source with a Non-Title V permit may make any physical change or change in the method of operation without revising the source's permit, unless the change is specifically prohibited in the source's permit or is a change described in the following subsections. A change that does not require a permit revision may still be subject to requirements in Section 404 of this rule.

403.2 The following changes at a source with a Non-Title V permit shall require a permit revision:

- a. A change that ~~triggers~~ would trigger a new applicable requirement or ~~violates~~ violate an existing applicable requirement;
- b. Establishment of, or change in, an emissions cap;
- c. A change that will require a case-by-case determination of an emissions limitation or other standard, or a source specific determination of ambient impacts, or a visibility or increment analysis;
- d. A change that results in emissions which are subject to monitoring, recordkeeping, or reporting under Sections 302.6, 302.7, and 302.8 of this rule, if the emissions cannot be measured or otherwise adequately



quantified by monitoring, recordkeeping, or reporting requirements already in the permit;

- e. A change that will authorize the burning of used oil, used oil fuel, hazardous waste or hazardous waste fuel, or any other fuel not currently authorized by the permit;
- f. A change that requires the source to obtain a Title V permit under Rule 210-Title V Permit Provisions of these rules;
- g. Replacement of an item of air pollution control equipment listed in the permit with one that does not have the same or better pollutant removal efficiency;
- h. Establishment or revision of an emissions limit under Section 304 of this rule;
- i. Increasing operating hours or rates of production above the permitted level; ~~and~~
- j. Making a change that relaxes monitoring, recordkeeping, or reporting requirements, except when the change results:
 - (1) From removing equipment that results in a permanent decrease in actual emissions, if the source keeps on-site records of the change in a log that satisfies Section 500 of this rule and if the requirements that are relaxed are present in the permit solely for the equipment that was removed; or
 - (2) From a change in an applicable requirement- ; and
- k. A minor NSR modification.

404 PROCEDURES FOR CERTAIN CHANGES THAT DO NOT REQUIRE A NON-TITLE V PERMIT REVISION:

- 404.1** Except for a physical change or change in the method of operation at a Non-Title V source requiring a permit revision under Section 403 of this rule or a change subject to logging or notice requirements in Section 404.2 of this rule or Section 404.3 of this rule, a change at a Non-Title V source shall not be subject to revision, notice, or logging requirements under these rules.
- 404.2** Except as otherwise provided in the conditions applicable to an emissions cap created under Rule 201-Emissions Caps of these rules, the following



changes may be made if the source keeps on-site records of the changes according to Section 500 of this rule:

- a. Implementing an alternative operating scenario, including raw material changes;
- b. Changing process equipment, operating procedures, or making any other physical change if the permit requires the change to be logged;
- c. Engaging in any new exempted activity listed in Rule 200-Permit Requirements, Section 303.3(c) of these rules, but not listed in the permit;
- d. Replacing an item of air pollution control equipment listed in the permit with an identical (same model, different serial number) item. The Control Officer may require verification of efficiency of the new equipment by performance tests; and
- e. Making a change that results in a decrease in actual emissions, if the source wants to claim credit for the decrease in determining whether the source has a net emissions increase for any purpose. The logged information shall include a description of the change that will produce the decrease in actual emissions. A decrease that has not been logged is creditable only if the decrease is quantifiable, enforceable, and otherwise qualifies as a creditable decrease.

404.3 Except as otherwise provided in the conditions applicable to an emissions cap created under Rule 201-Emissions Caps of these rules, the following changes may be made if the source provides written notice to the Control Officer in advance of the change as provided below:

- a. Replacing an item of air pollution control equipment listed in the permit with one that is not identical but that is substantially similar and has the same or better pollutant removal efficiency: 7 days. The Control Officer may require verification of efficiency of the new equipment by performance tests;
- b. Making a physical change or change in the method of operation that increases actual emissions more than 10% of the major source threshold for any conventional air pollutant but does not require a permit revision: 7 days;
- c. Replacing an item of air pollution control equipment listed in the permit with one that is not substantially similar but that has the same



or better efficiency: 30 days. The Control Officer may require verification of efficiency of the new equipment by performance tests;

- d. Making any change that would trigger an applicable requirement that already exists in the permit: 30 days, unless otherwise required by the applicable requirement;
- e. Making a change that amounts to reconstruction of the source or an affected facility: 7 days. For purposes of this section reconstruction of a source or an affected facility shall be presumed if the fixed capital cost of the new components exceed 50% of the fixed capital cost of a comparable entirely new source or affected facility and the changes to the components have occurred over the 12 consecutive months beginning with commencement of construction; and
- f. Making a change that will result in the emissions of a new regulated air pollutant above an applicable regulatory threshold, but that does not trigger a new applicable requirement for that source category: 30 days. For purposes of this requirement, an applicable regulatory threshold for a conventional air pollutant shall be 10% of the applicable major source threshold for that pollutant.

404.4 For each change under Section 404.3 of this rule, the written notice shall be by certified mail or hand delivery and shall be received by the Control Officer the minimum amount of time in advance of the change. Notifications of changes associated with emergency conditions, such as malfunctions necessitating the replacement of equipment, may be provided with less than required notice, but must be provided as far in advance of the change, or if advance notification is not practicable, as soon after the change, as possible.

404.5 The written notice shall include:

- a. When the proposed change will occur;
- b. A description of the change;
- c. Any change in emissions of regulated air pollutants; and
- d. Any permit term or condition that is no longer applicable as a result of the change.

404.6 Notwithstanding any other part of this section of this rule, the Control Officer may require a permit to be revised for any change that, when considered together with any other changes submitted by the same source



under this section of this rule over the term of the permit, constitutes a change under Section 403.2 of this rule.

404.7 If a source change is described under both Section 404.2 of this rule and Section 404.3 of this rule, the source shall comply with Section 404.3 of this rule.

404.8 If a source change is described under both Section 404.3 of this rule and Section 403.1 of this rule, the source shall comply with Section 403.1 of this rule.

404.9 A source may implement any change under Section 404.3 of this rule without the required notice by applying for a minor permit revision under Section 405.2 of this rule and complying with Section 406.1 of this rule.

405 PERMIT REVISIONS:

405.1 Administrative Permit Revisions:

- a. An administrative permit revision is required to correct typographical errors in a Non-Title V Permit.
- b. An administrative permit revision is required to change the name, address, or phone number of any person identified in the Non-Title V permit.
- c. An administrative permit revision is required to change ownership or operational control of a source with a Non-Title V permit, where the Control Officer determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for the change of permit responsibility and liability between the current and new permittee has been submitted to the Control Officer.
- d. Incorporates any other type of change which the Control Officer has determined to be similar to those changes described in this subsection.

405.2 Minor Permit Revisions:

- a. Minor permit revision procedures shall be used for a change that triggers a new applicable requirement, if all of the following apply:
 - (1) For emissions units not subject to an emissions cap, the net emissions increase is less than the significance level defined in Rule 100 General Provisions And Definitions of these rules; The change is not a minor NSR modification subject to Rule 241 of these rules, except that minor NSR modifications subject to Rule



241, Section 310 of these rules may be processed as minor permit revisions;

- (2) A case-by-case determination of an emissions limitation or other standard is not required; and
 - (3) The change does not require the source to obtain a Title V permit under Rule 210-Title V Permit Provisions of these rules.
- b. Minor permit revision procedures shall be used for a change that ~~increases operating hours or rates of production~~ increases emissions above the permitted level, unless the increase otherwise creates a condition that requires a non-minor permit revision;
 - c. Minor permit revision procedures shall be used for a change in fuel from fuel oil or coal to natural gas or propane, if not authorized in the permit;
 - d. Minor permit revision procedures shall be used for a change that results in emissions subject to monitoring, recordkeeping, or reporting under Sections 302.6, 302.7, or 302.8 of this rule and that cannot be measured or otherwise adequately quantified by monitoring, recordkeeping, or reporting requirements already in the permit;
 - e. Minor permit revision procedures shall be used for a change that decreases emissions permitted under an emissions cap under Rule 201-Emissions Caps of these rules, unless the decrease requires a change in the conditions required to enforce the emissions cap or to ensure that emissions trades conducted under the emissions cap are quantifiable and enforceable; and
 - f. Minor permit revision procedures shall be used for a change that replaces an item of air pollution control equipment listed in the permit with one that does not have the same or better efficiency.

405.3 Non-Minor Permit Revisions: A source with a Non-Title V permit shall make the following changes only after its permit is revised following the public participation requirements of Section 407 of this rule:

- a. Establishing or revising a voluntarily accepted emission limitation or standard described in Section 304 of this rule, or an emissions cap described in Rule 201-Emissions Caps of these rules, except a decrease in the limitation authorized by Section 405.2(e) of this rule;
- b. Making any change in fuel not authorized by the Non-Title V permit and that is not fuel oil or coal to natural gas or propane;



- c. ~~A change to, or an addition of, an emissions unit not subject to an emissions cap that will result in a net emissions increase of a pollutant greater than the significance level defined in Rule 100 General Provisions And Definitions of these rules;~~ A change that is a minor NSR modification subject to Rule 241 of these rules, except for a minor modification subject to Rule 241, Section 310 of these rules.
- d. A change that relaxes monitoring, recordkeeping, or reporting requirements, except when the change results:
 - (1) From removing equipment that results in a permanent decrease in actual emissions, if the source keeps on-site records of the change in a log that satisfies Section 500 of this rule and if the requirements that are relaxed are present in the permit solely for the equipment that was removed; or
 - (2) From a change in an applicable requirement.
- e. A change that will cause the source to violate an existing applicable requirement, including the conditions establishing an emissions cap;
- f. A change that will require any of the following:
 - (1) A case-by-case determination of an emission limitation or other standard;
 - (2) A source-specific determination of ambient impacts or a visibility or increment analysis; or
 - (3) A case-by-case determination of a monitoring, recordkeeping, and reporting requirement.
- g. A change that requires the source to obtain a Title V permit under Rule 210-Title V Permit Provisions of these rules.

406 PERMIT REVISIONS PROCEDURES:

406.1 The Source's Responsibility For A Notification Of A Permit Revision:

A source shall submit to the Control Officer a notification of a Non-Title V permit revision, in a form and manner as prescribed by the Control Officer, with the appropriate fee as required by Rule 280-Fees of these rules. In a notification of a Non-Title V permit revision, a source must supply information that is related to the proposed change. If the source's proposed Non-Title V permit revision will revise its Non-Title V permit from a Non-Title V permit to a Title V permit, then the source must submit a Title V permit application in accordance with Rule 210-Title V



Permit Provisions of these rules. The Control Officer shall issue the entire Title V permit, and not just the portion of the Non-Title V permit being revised, in accordance with Title V permit content and issuance requirements, including requirements for public, affected state, and EPA review contained in Rule 210-Title V Permit Provisions of these rules.

406.2 The Control Officer’s Responsibility for Action on a Notification of a Permit Revision:

- a. **Administrative Permit Revision:** The Control Officer shall take final action within 60 days of receipt of a notification of an administrative permit revision.
- b. **Minor Permit Revision:** The Control Officer shall do one or more of the following within 60 days of receipt of a notification of a minor permit revision:
 - (1) Issue the minor permit revision as proposed;
 - (2) Deny the minor permit revision application; or
 - (3) Determine that the minor permit revision does not meet the minor permit revision criteria and should be reviewed under the non-minor permit revision procedures.
- c. **Non-Minor Permit Revision:** The Control Officer shall take final action on the majority of the notifications of non-minor permit revisions within 90 days of receipt. In no case shall the final action take longer than nine months.

406.3 The Source’s Ability to Make Changes Requested in a Notification of a Permit Revision:

- a. **Administrative Permit Revision Or Minor Permit Revision:**
 - (1) A source may implement the changes addressed in the administrative permit revision application or in a minor permit revision application after it files the application, unless the revision triggers minor New Source Review (NSR) under Rule 241 of these rules.
 - (2) A source shall still comply with any Federal laws, Arizona laws, or these rules, and a source shall comply with the “new” permit conditions that the source proposes in its notification of a minor permit revision. The Control Officer may enforce the existing



permit conditions if the Control Officer determines that the source is not complying with the “new” permit conditions.

- b. **Non-Minor Permit Revision:** A source may implement the changes addressed in the notification for a non-minor permit revision upon the Control Officer’s revising the permit.

407 PUBLIC PARTICIPATION:

407.1 The Control Officer shall provide public notice and an opportunity for public comment before taking any of the following actions:

- a. Issuing or renewing a permit to a Non-Title V source ~~listed in Rule 280 Fees, Section 403.1 Table A Sources of these rules~~ with emissions of a regulated air pollutant that exceeds the public notice threshold as defined in Rule 100 of these rules;
- b. Issuing a non-minor permit revision to a Non-Title V source ~~listed in Rule 280 Fees, Section 403.1 Table A Sources of these rules~~ with emissions of a regulated air pollutant that exceeds the public notice threshold as defined in Rule 100 of these rules;
- c. Revoking and reissuing or reopening a permit to a Non-Title V source ~~listed in Rule 280 Fees, Section 403.1 Table A Sources, Section 403.2 Table B, and Section 403.3 Table C Sources of these rules~~ with emissions of a regulated air pollutant that exceeds the public notice threshold as defined in Rule 100 of these rules; or
- d. Issuing a conditional permit under Rule 120-Conditional Orders of these rules to a Non-Title V source ~~listed in Rule 280 Fees, Section 403.1 Table A Sources, Section 403.2 Table B Sources, and Section 403.3 Table C Sources of these rules~~ with emissions of a regulated air pollutant that exceeds the public notice threshold as defined in Rule 100 of these rules.

407.2 ~~For sources listed in Rule 280 Fees, Section 403.1 Table A Sources, Section 403.2 Table B Sources, and Section 403.3 Table C Sources of these rules, the~~ The Control Officer shall publish, once each week, a list of all permit applications received. The list will be available to the public at the Department’s main office and on the Internet. The list shall include the following information:

- a. Name and address of the affected facility(ies).
- b. The activity(ies) involved in each permit action.



- c. A statement that any person may submit written comments on a proposed permit action no later than the deadline for submitting such comments.
 - d. The deadline for submitting written comments.
 - e. Name, address, and phone number of a person from the Department from whom additional information may be obtained.
 - f. The location where copies of the permit or permit revision application, the proposed permit, and all other materials available to the Control Officer that are relevant to the permit decision may be reviewed and the times during which such materials will be available for public inspection.
 - g. A statement if the permit or permit revision would result in the generation of emission reduction credits under A.A.C. R18-2-1204- Title 18, Chapter 2, Article 12 or the utilization of emission reduction credits under A.A.C. R18-2-1206 Title 18, Chapter 2, Article 12.
- 407.3** ~~For sources listed in Rule 280 Fees, Section 403.1 Table A Sources, Section 403.2 Table B Sources, and Section 403.3 Table C Sources of these rules, the~~ The Control Officer shall publish in a newspaper, once each month, a list of all permits issued.
- 407.4 Public Hearing:** The Control Officer shall hold a public hearing to receive comments on petitions for conditional orders, which would vary from requirements of the applicable implementation plan. For all other actions involving a proposed permit, the Control Officer shall hold a public hearing only upon written request. If a public hearing is requested, the Control Officer shall schedule the public hearing and publish a notice once each week for two consecutive weeks in two newspapers of general circulation in the county where the source is or will be located and by other means if necessary to assure adequate notice to the affected public. The Control Officer shall give notice of any public hearing at least 30 days in advance of the public hearing.
- 407.5** At the time the Control Officer publishes the first notice under Section 407.1 of this rule, the applicant shall post a notice containing the information required in Section 407.2 of this rule at the site where the source is or may be located. Consistent with Federal, State, and local law, the posting shall be prominently placed at a location under the applicant's legal control, adjacent to the nearest public roadway, and visible to the public using the public roadway. If a public hearing is to be held, the applicant shall place an additional posting providing notice of the public



hearing. Any posting shall be maintained until the public comment period is closed.

407.6 The Control Officer shall provide at least 30 days from the date of its first notice for public comment. The Control Officer shall keep a record of the commenters and the issues raised during the public participation process and shall prepare written responses to all comments received. At the time a final decision is made, the record and copies of the Control Officer's responses shall be made available to the applicant and to all commenters.

408 AMENDMENTS TO A PERMIT: The Control Officer may amend any Non-Title V permit annually without following Rule 200-Permit Requirements, Section 402-Permit Reopenings; Revocation And Reissuance; Termination of these rules in order to incorporate changes reflected in logs or notices filed under Section 404 of this rule. The amendment shall be effective to the anniversary date of the permit. The Control Officer shall make available to the public for any source:

408.1 A complete record of logs and notices sent to the Control Officer under Section 404 of this rule; and

408.2 Any amendments or revisions to the source's permit.

SECTION 500 - MONITORING AND RECORDS

501 LOG RETENTION REQUIREMENT: If a source makes a change that requires logging, then the source shall keep such log for five years from the date the source creates such log.

502 LOG FORMAT SPECIFICATIONS: If a source makes a change that requires logging, then the source shall perform such logging in indelible ink in a bound log book with sequentially numbered pages, or in any other form, including electronic format, if approved by the Control Officer. Each log entry shall include at least the following information:

502.1 A description of the change including:

- a. A description of any process change.
- b. A description of any equipment change, including both old and new equipment descriptions, model numbers, and serial numbers, or any other unique equipment number.
- c. A description of any process material change.

502.2 The date and time that the change occurred.



502.3 The provision of Section 404.2 of this rule that authorizes the change to be made with logging.

502.4 The date the log entry was made and the first and last name of the person making the log entry.

503 LOG FILING: A copy of all logs required under Section 404.2 of this rule shall be filed with the Control Officer within 30 days after each anniversary of the permit issue date. If no changes were made at the source requiring logging, a statement to that effect shall be filed instead.



REGULATION II - PERMITS AND FEES

RULE 241

**~~PERMITS FOR NEW SOURCES AND MODIFICATIONS TO EXISTING SOURCES~~
MINOR NEW SOURCE REVIEW (NSR)**

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**MARICOPA COUNTY
AIR POLLUTION CONTROL REGULATIONS
REGULATION II - PERMITS AND FEES**

**RULE 241
PERMITS FOR NEW SOURCES AND MODIFICATIONS TO
EXISTING SOURCES
MINOR NEW SOURCE REVIEW (NSR)**

SECTION 100 - GENERAL

- 101 PURPOSE:** To provide ~~control technology requirements for a procedure for the~~ review of new sources and modifications to existing sources of air pollution requiring permits or permit revisions for the protection of the national ambient air quality standards (NAAQS).
- 102 APPLICABILITY:** ~~The provisions of this rule shall not apply to new major sources and major modifications to existing major sources subject to the requirements of Rule 240 of these rules.~~ The provisions of this rule shall apply to:
- 102.1** The construction of any new Title V or Non-Title V source, except as provided in Section 103 of this rule.
- 102.2** Any minor NSR modification to a Title V or Non-Title V source, except as provided in Section 103 of this rule.
- 102.3** A regulated minor NSR pollutant emitted by a new stationary source, if the source will have the potential to emit that pollutant at an amount equal to or greater than the permitting threshold.
- 102.4** An increase in emissions of a regulated minor NSR pollutant from a minor NSR modification, if the modification would increase the source's potential to emit that pollutant by an amount equal to or greater than the minor NSR modification threshold.
- 102.5** A change that increases total uncontrolled emissions above the minor NSR modification threshold.
- 103 EXEMPTION:** The provisions of this rule shall not apply to the emissions of a pollutant from any of the activities identified in Section 102 of this rule, if the emissions of that pollutant are subject to major source requirements under Rule 240(Federal Major New Source Review (NSR)) of these rules.



SECTION 200 – DEFINITIONS (NOT APPLICABLE) See Rule 100 (General Provisions And Definitions) of these rules for definitions of terms that are used but not specifically defined in this rule.

SECTION 300 - STANDARDS:

301 PERMIT OR PERMIT REVISION REQUIRED: An owner and/or operator of a source shall not begin actual construction:

301.1 Of a new stationary source, subject to this rule, without first obtaining a permit, a permit revision, a proposed final permit, or a proposed final permit revision from the Control Officer in accordance with Rule 210 or Rule 220 of these rules.

301.2 Of a minor NSR modification, subject to this rule, without first obtaining a permit, a permit revision, a proposed final permit, or a proposed final permit revision from the Control Officer in accordance with Rule 210 or Rule 220 of these rules.

302 BEST AVAILABLE CONTROL TECHNOLOGY (BACT) OR REASONABLY AVAILABLE CONTROL TECHNOLOGY (RACT) REQUIRED: The Control Officer shall not issue a proposed final Title V permit or permit revision or a Non-Title V permit or permit revision subject to this rule to an owner and/or operator of a source proposing to construct a new source or make a minor NSR modification unless such owner and/or operator implements BACT or RACT, as required by Sections 304 or 305 of this rule.

303 REVIEW OF NAAQS COMPLIANCE: Notwithstanding the implementation of RACT or BACT under this rule, an applicant for a permit subject to this rule shall conduct an ambient air quality impact assessment under Section 308 of this rule upon the Control Officer's request. The Control Officer shall make such a request, if there is reason to believe that a source or minor NSR modification could interfere with attainment or maintenance of a standard imposed in Rule 510 (Air Quality Standards) of these rules. In making the determination under this section of this rule, the Control Officer shall take into consideration:

303.1 The source's emission rates.

303.2 The location of emission units within the facility and their proximity to the ambient air.

303.3 The terrain in which the source is or will be located.

303.4 The source type.

303.5 The location and emissions of nearby sources.



303.6 Background concentrations of regulated minor NSR pollutants.

301 **304** ~~BEST AVAILABLE CONTROL TECHNOLOGY (BACT)~~ **BACT**
REQUIRED: An applicant for a permit or permit revision subject to Rules 210, 220, or 230 of these rules shall ~~apply~~ **implement** BACT for each pollutant emitted which exceeds any of the threshold limits set forth in any one of the following criteria:

301.1 **304.1** Any new stationary source which emits more than ~~150 lbs/day~~ or 25 tons/yr of volatile organic compounds, nitrogen oxides, sulfur dioxide, or ~~particulate matter~~; more than ~~85 lbs/day~~ or 15 tons/yr of PM10; ~~or more than 550 lbs/day~~ or 100 tons/yr of carbon monoxide; or more than 10 tons/yr of PM2.5.

301.2 **304.2** Any modified stationary source if the modification causes an increase in emissions ~~on any single day~~ of more than ~~150 lbs/day~~ or 25 tons/yr of volatile organic compounds, nitrogen oxides, sulfur dioxide ~~or particulate matter~~; more than ~~85 lbs/day~~ or 15 tons/yr of PM10; ~~or more than 550 lbs/day~~ or 100 tons/yr of carbon monoxide; or more than 10 tons/yr of PM 2.5. BACT is only required for the sources or group of sources being modified.

302 **305** ~~REASONABLY AVAILABLE CONTROL TECHNOLOGY (RACT)~~ **RACT**
REQUIRED: An applicant for a permit or permit revision for a new or modified stationary source which emits or causes an increase in emissions of up to ~~150 lbs/day~~ or 25 tons/yr of volatile organic compounds or nitrogen oxides, ~~or particulate matter~~; up to ~~85 lbs/day~~ or 15 tons/yr of PM10; ~~or up to 550 lbs/day~~ or 100 tons/yr of carbon monoxide; or up to 10 tons/yr of PM2.5 ; shall ~~apply~~ **implement** RACT for each pollutant emitted from said new or modified stationary source.

306 **BACT DETERMINATIONS:**

306.1 An applicant for a permit or permit revision for a new or modified stationary source shall present an emissions analysis to determine whether the future emissions increase will trigger BACT requirements.

306.2 The applicant shall conduct a BACT analysis for each pollutant which exceeds the BACT threshold. The applicant may conduct a case-by-case analysis.

306.3 The applicant may accept legally and practically enforceable limits on the operation of their source in order to restrict emissions to below the BACT thresholds and avoid imposition of BACT in accordance with Rule 220, Section 304 of these rules. At such time as the applicability of any



requirement of this rule would be triggered by an existing source solely by virtue of a relaxation of any enforceable limitation on the capacity of the source to emit a pollutant, then the requirements of this rule will apply to the source in the same way as they would apply to a new or modified source otherwise subject to this rule.

306.4 The selection of BACT shall address the control of each emission point for the subject pollutant at a facility or the affected area in the case of a modification.

307 **RACT DETERMINATIONS:** The Control Officer shall determine RACT, as appropriate, for each emission unit subject to the RACT requirements under Section 305 of this rule. RACT shall be determined as follows:

307.1 For any facilities subject to a source-specific rule under Regulation III-Control Of Air Contaminants of these rules, RACT is the emissions limitation of the existing source performance standard.

307.2 For any facilities not subject to a source-specific rule under Regulation III-Control Of Air Contaminants of these rules, RACT is the lowest emission limitation that a particular source is capable of achieving by the application of control technology that is reasonably available considering technological and economic feasibility and shall be determined by one of the following:

- a.** Technology that may previously have been applied to a similar, but not necessarily identical, source category. RACT for a particular facility is determined on a case-by-case basis, considering the technological feasibility and cost-effectiveness of the application of the control technology to the source category.
- b.** A control technique guideline issued by the Administrator under section 108(f)(1) of the Act.
- c.** An emissions standard established or revised by the Administrator for the same type of source under section 111 or 112 of the Act after November 15, 1990.

308 **NAAQS COMPLIANCE ASSESSMENT:** An ambient air quality assessment must demonstrate that emissions from the source or minor NSR modification will not interfere with attainment or maintenance of a standard imposed in Rule 510 (Air Quality Standards) of these rules.

308.1 An owner and/or operator of a source may elect to have the Control Officer perform a screen model of its emissions. If the results of the screen



model indicate that the source or minor NSR modification will interfere with attainment or maintenance of a standard imposed in Rule 510 (Air Quality Standards) of these rules, the owner and/or operator may perform a more refined model to make the demonstration required by this rule.

308.2 The requirements of this rule shall be satisfied, if the results of the screen or more refined modeling conducted pursuant to Section 308.1 of this rule demonstrate either of the following:

a. Ambient concentrations resulting from emissions from the source or modification combined with existing concentrations of regulated minor NSR pollutants will not cause or exacerbate the violation of a standard imposed in Rule 510 (Air Quality Standards) of these rules.

b. Emissions from the source or minor modification will have an ambient impact below the significance levels as defined in Rule 240 of these rules.

308.3 The assessment required by this rule shall take into account any limitations, controls, or emissions decreases that are or will be enforceable in the permit or permit revision for the source.

309 **APPLICATION DENIAL:** The Control Officer shall deny an application for a Title V permit or permit revision or a Non-Title V permit or permit revision subject to this rule, if an assessment conducted pursuant to Section 308 of this rule demonstrates that the source or permit revision will interfere with attainment or maintenance of a standard imposed in Rule 510 (Air Quality Standards) of these rules.

310 **APPLICATION PROCESSED AS MINOR PERMIT REVISION:** An application for a permit or permit revision subject to this rule may be processed as a minor permit revision if all of the following conditions are satisfied for each pollutant subject to Section 305 of this rule:

310.1 The emissions for each pollutant are below the public notice threshold as defined in Rule 100 of these rules.

310.2 The result of the screen model for a regulated minor NSR pollutant show expected concentrations, including background concentrations, that are less than 75% of the applicable standard imposed in Rule 510 (Air Quality Standards) of these rules.

310.3 The permit or permit revision meets the criteria of minor permit revision in Rules 210 or 220 of these rules.



- 311** **APPLICATION PROCESSED AS SIGNIFICANT OR NON-MINOR PERMIT REVISION:** A copy of the notice required by Rule 210, Section 408 for permits or significant permit revisions or Rule 220, Section 407 of these rules for permits or non-minor permit revisions subject to this rule must also be sent to the Administrator through the appropriate regional office. The notice also must be sent to any other agency in the region having responsibility for implementing the procedures required under this rule.
- 312** **MODELING REQUIRED:** All modeling required pursuant to this rule shall be conducted in accordance with 40 CFR 51, Appendix W.
- 313** **PERMIT CONDITIONS SPECIFIED PURSUANT TO THIS RULE:** The Control Officer shall specify those conditions in the permit that are implemented pursuant to this rule. The specified conditions shall be included in subsequent permit renewals unless modified pursuant to this rule or Rule 240 of these rules.
- 303 **314** **CIRCUMVENTION:** The submission of applications for permits or permit revisions for new or modified sources in phases so as to circumvent the requirements of this section is prohibited. The burden of proof to show that an application for a permit or permit revision is not being submitted as a phase of a larger project shall be upon the applicant. A person shall not build, erect, install, or use any article, machine, equipment, condition, or any contrivance, the use of which, without resulting in a reduction in the total release of air contaminants to the atmosphere, conceals or dilutes an emission which would otherwise constitute a violation of this section. A person shall not circumvent this section to dilute air contaminants by using more emission openings than is considered normal practice by the industry or by the activity in question.

SECTION 400 - ADMINISTRATIVE REQUIREMENTS (NOT APPLICABLE)

SECTION 500 - MONITORING AND RECORDS (NOT APPLICABLE)



REGULATION V - AIR QUALITY STANDARDS AND AREA CLASSIFICATION

RULE 510 AIR QUALITY STANDARDS

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Revised 07/13/88; Revised 11/01/06; Revised xx/xx/xxxx

**MARICOPA COUNTY
AIR POLLUTION CONTROL REGULATIONS
REGULATION V - AIR QUALITY STANDARDS AND AREA CLASSIFICATION**

**RULE 510
AIR QUALITY STANDARDS**

SECTION 100 - GENERAL

- 101 PURPOSE:** To establish maximum limiting levels for pollutants existing in the ambient air which are necessary to protect human health and public welfare.
- 102 AVAILABILITY OF INFORMATION:** Copies of materials referenced in Sections 310, 401.1, and 401.2 of this rule are available at 1001 ~~North N.~~ Central Avenue Ave., Suite 400, Phoenix, AZ, 85004 ~~or call (602) 506-6010.~~

SECTION 200 - DEFINITIONS: ~~See Rule 100 (General Provisions And Definitions) of these rules for definitions of terms that are used but not specifically defined in this rule. For the purpose of this rule, the following definitions shall apply:~~ For the purpose of this rule, the following definitions shall apply, in addition to those definitions found in Rule 100 (General Provisions and Definitions) of these rules. In the event of any inconsistency between any of the Maricopa County air pollution control rules, the definitions in this rule take precedence.

- 201 PRIMARY AMBIENT AIR QUALITY STANDARDS** - The ambient air quality standards which define levels of air quality necessary, with an adequate margin of safety, to protect the public health, as determined by the Arizona Department of Environmental Quality and United States Environmental Protection Agency, and specified in this rule.
- 202 SECONDARY AMBIENT AIR QUALITY STANDARDS** - The ambient air quality standards which define levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant, as determined by the Arizona Department of Environmental Quality and United States Environmental Protection Agency, and specified in this rule.

SECTION 300 - STANDARDS: The following are established as the primary and secondary ambient air quality standards for Maricopa County:

- 301 PARTICULATE MATTER - 2.5 MICRONS OR LESS (PM_{2.5}):**
 - 301.1 Primary and Secondary Ambient Air Quality Standards for PM_{2.5} Annual Arithmetic Mean Concentration:** The annual arithmetic mean



concentration shall be ~~15~~ 12 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). The standard shall be considered attained when the annual arithmetic mean concentration, as determined in accordance with 40 CFR 50, Appendix N, is less than or equal to ~~15~~ 12 $\mu\text{g}/\text{m}^3$.

301.2 Primary and Secondary Ambient Air Quality Standards for PM_{2.5} 24-hour Average Concentration: The 24-hour average concentration shall be ~~65~~ 35 $\mu\text{g}/\text{m}^3$. The standard shall be considered attained when the 98th percentile 24-hour concentration, as determined in accordance with 40 CFR 50, Appendix N, is less than or equal to ~~65~~ 35 $\mu\text{g}/\text{m}^3$.

302 PARTICULATE MATTER - 10 MICRONS OR LESS (PM₁₀):

~~302.1 Primary and Secondary Ambient Air Quality Standards for PM₁₀ Annual Arithmetic Mean Concentration:~~ The annual arithmetic mean concentration shall be ~~50~~ $\mu\text{g}/\text{m}^3$. ~~The standard shall be considered attained when the expected annual arithmetic mean concentration, as determined in accordance with 40 CFR 50, Appendix K, is less than or equal to 50 $\mu\text{g}/\text{m}^3$.~~

~~302.2 Primary and Secondary Ambient Air Quality Standards~~ **Standard for PM₁₀ 24-hour Average Concentration:** The 24-hour average concentration shall be $150 \mu\text{g}/\text{m}^3$. This concentration shall not be exceeded more than once per calendar year at any one location. The standard shall be considered attained when the expected number of days per calendar year with a 24-hour average concentration above $150 \mu\text{g}/\text{m}^3$, as determined in accordance with 40 CFR 50, Appendix K, is less than or equal to ~~1~~ one.

303 SULFUR OXIDES (SULFUR DIOXIDE):

303.1 Primary Ambient Air Quality Standards for Sulfur Oxides (Measured as Sulfur Dioxide):

a. Annual Arithmetic Mean Concentration: The annual arithmetic mean concentration shall be 0.030 parts per million (ppm) (~~80~~ $\mu\text{g}/\text{m}^3$) (80 g/m^3). This concentration shall not be exceeded more than once in a calendar year. The annual arithmetic mean shall be rounded to three decimal places (fractional parts equal to or greater than 0.0005 ppm shall be rounded up).

b. 24-hour Concentration: The maximum 24-hour concentration shall be 0.14 ppm (~~365~~ $\mu\text{g}/\text{m}^3$) (365 g/m^3). This concentration shall not be exceeded more than once per calendar year at any one location. The 24-hour averages shall be determined from successive nonoverlapping



24-hour blocks starting at midnight each calendar day and shall be rounded to two decimal places (fractional parts equal to or greater than 0.005 ppm shall be rounded up).

c. 1-hour Concentration: The maximum 1-hour concentration shall be 75 parts per billion (ppb) 75 parts per billion (ppb). The one-hour primary standard is met at an ambient air quality monitoring site when the three-year average of the annual 99th percentile of the daily maximum one-hour average concentrations is less than or equal to 75 parts per billion, as determined according to 40 CFR 50, Appendix T.

d. The standards in Sections 303.1(a) and (b) of this rule shall apply:

(1) In an area designated nonattainment for the standard in Sections 303.1(a) and (b) of this rule as of August 23, 2011, and areas not meeting a state implementation plan call for a standard in Sections 303.1(a) and (b) of this rule until the state submits pursuant to section 191 of the Act, and the Administrator approves, a state implementation plan providing for attainment of the standard in Section 303.1(c) of this rule in that area.

(2) In areas other than those identified in Section 303.1(d) of this rule, until the effective date of the designation of that area, pursuant to section 107 of the Act, for the standard in Section 303.1(c) of this rule.

303.2 Secondary Ambient Air Quality Standard for Sulfur Oxides (Measured as Sulfur Dioxide) 3-Hour Concentration: The maximum 3-hour concentration shall be 0.5 ppm (~~1300 $\mu\text{g}/\text{m}^3$~~) (~~1300 g/m^3~~). This concentration shall not be exceeded more than once per calendar year at any one location. The 3-hour averages shall be determined from successive non-overlapping 3-hour blocks starting at midnight each calendar day and shall be rounded to 1 decimal place (fractional parts equal to or greater than 0.05 ppm shall be rounded up).

304 OZONE:

Primary and Secondary Ambient Air Quality Standards for Ozone Eight-hour Average Concentration:

The daily maximum eight-hour average concentration shall be ~~0.08 ppm~~ 0.075 ppm. The standard shall be considered attained at an ambient air quality monitoring site when the three-year average of the annual fourth-highest daily maximum eight-hour average ozone concentration, as determined in accordance with 40 CFR 50, Appendix 1P, is less than or equal to ~~0.08 ppm~~ 0.075 ppm.



305 CARBON MONOXIDE:

305.1 Primary Ambient Air Quality Standards for Carbon Monoxide:

- a. **One-hour Average Concentration:** The maximum one-hour average concentration shall be 35 ppm (40 mg/m^3). This concentration shall not be exceeded more than once per year at any one location.
- b. **Eight-hour Average Concentration:** The maximum eight-hour average concentration shall be 9 ppm (10 mg/m^3). This concentration shall not be exceeded more than once per year at any one location. An eight-hour average shall be considered valid if at least 75% of the hourly averages for the eight-hour period are available. In the event that only six or seven hourly averages are available, the eight-hour average shall be computed on the basis of the hours available using 6 or 7 as the divisor.

305.2 When summarizing data for comparison with the standards, averages shall be stated to one decimal place. Comparison of the data with the levels of the standards in ppm shall be made in terms of integers with fractional parts of 0.5 or greater rounding up.

306 ~~NITROGEN DIOXIDE~~ NITROGEN DIOXIDE OXIDES (NITROGEN DIOXIDE):

~~Primary and Secondary Ambient Air Quality Standards for Nitrogen Dioxide Annual Arithmetic Mean Concentration: The annual arithmetic mean concentration shall be 0.053 ppm ($100 \text{ } \mu\text{g/m}^3$). The standard shall be considered attained when the annual arithmetic mean concentration in a calendar year is less than or equal to 0.053 ppm, rounded to three decimal places, with fractional parts equal to or greater than 0.0005 ppm rounded up. To demonstrate attainment, an annual mean shall be based upon hourly data that is at least 75% complete, or upon data derived from manual methods that is at least 75% complete for the scheduled sampling days in each calendar quarter.~~

306.1 The primary ambient air quality standards for oxides of nitrogen, measured in the ambient air as nitrogen dioxide, are:

- a. **Annual Concentration:** 53 parts per billion. The annual primary standard is met when the annual average concentration in a calendar year is less than or equal to 53 ppb, as determined in accordance with 40 CFR, Appendix S for the annual standard.
- b. **One Hour Concentration:** 100 parts per billion. The one-hour primary standard is met when the three-year average of the annual 98th percentile of the daily maximum one-hour average concentration



is less than or equal to 100 parts per billion, as determined in accordance with 40 CFR 50, Appendix S.

306.2 **306.2** The secondary ambient air quality standard for oxides of nitrogen is 0.053 parts per million (100 micrograms per cubic meter) – annual arithmetic mean.

- a. The standard shall be considered attained when the annual arithmetic mean concentration in a calendar year is less than or equal to 0.053 ppm, rounded to three decimal places, with fractional parts equal to or greater than 0.0005 ppm rounded up.
- b. To demonstrate attainment, an annual mean shall be based upon hourly data that is at least 75% complete, or upon data derived from the manual methods, that is at least 75% complete for the scheduled sampling days in each calendar quarter.

307 LEAD:

~~Primary and Secondary Ambient Air Quality Standards for Lead Quarterly Maximum Arithmetic Mean Concentration: The maximum arithmetic mean concentration for lead and its compounds, measured as elemental lead, shall be $1.5 \mu\text{g}/\text{m}^3$, as averaged over a calendar quarter.~~

307.1 The primary and secondary ambient air quality standards for lead and its compounds, measured as elemental lead, is 0.15 micrograms per cubic meter – maximum arithmetic mean averaged over a three-month period. The level of the standards shall be measured by a reference method based on 40 CFR 50, Appendix G and designated in accordance with 40 CFR 53, or by an equivalent designated in accordance with 40 CFR 53.

307.2 The national primary and secondary ambient air quality standards for lead are met when the maximum arithmetic three-month mean concentration for a three-year period, as determined in accordance with 40 CFR 50, Appendix R, is less than or equal to 0.15 micrograms per cubic meter.

307.3 The former primary and secondary ambient air quality standards for lead of 1.5 micrograms per cubic meter averaged over a calendar quarter shall apply to an area until one year after the effective date of the designation of that area, pursuant to section 107 of the Act, for the standards in Section 307.1 of this rule.



308 POLLUTANT CONCENTRATION DETERMINATIONS: Pollutant concentrations shall be measured by the following methods:

308.1 Appendices to 40 CFR 50: Pollutant concentrations shall be measured by the following appendices to 40 CFR 50:

<u>Pollutant</u>	<u>40 CFR 50</u>
Particulate Matter (PM _{2.5})	Appendix L <u>Appendix N</u>
Particulate Matter (PM ₁₀)	Appendix J <u>Appendix K</u>
Sulfur Oxides (Sulfur Dioxide)	Appendix A <u>Appendix A-1</u>
Ozone	Appendix D <u>Appendix P</u>
Carbon Monoxide	Appendix C
Nitrogen Dioxide	Appendix F <u>Appendix S</u>
Lead	Appendix G <u>Appendix R</u>

308.2 Reference or Equivalent Methods: Pollutant concentrations shall also be measured by:

- a. A method of measurement that has been designated as a reference or equivalent method by the Administrator acting pursuant to 40 CFR 53; or
- b. A method of measurement that, though not designated as a reference or equivalent method, has been approved for use by the Administrator acting pursuant to 40 CFR 58, Appendix C. Such method shall be subject to any restrictions placed on its use by the Administrator.

308.3 Method Withdrawal: The cancellation or supersession of designation of a reference or equivalent method by the Administrator acting pursuant to 40 CFR 53.11 or 53.16, shall also amount to a withdrawal of the authorization for use of that method for purposes of this regulation.

309 ADDITIONAL REQUIREMENTS:

309.1 Quality assurance, monitor siting, and sample probe installation procedures shall be in accordance with the procedures described in the Appendices to 40 CFR 58.



309.2 Unless otherwise specified, interpretation of all ambient air quality standards contained in this rule shall be in accordance with 40 CFR 50.

309.3 The evaluation of air quality data in terms of procedure, methodology, and concept is to be consistent with methods described in 40 CFR 50.

310 INCORPORATIONS BY REFERENCE: The CFR references listed below are incorporated by reference in Appendix G of these rules:

40 CFR 50;
40 CFR 50, Appendices A through N;
40 CFR 53;
40 CFR 58.26 and 40 CFR 58.50; and
40 CFR 58, all appendices.

SECTION 400 - ADMINISTRATIVE REQUIREMENTS

401 REPORTING OF AMBIENT AIR QUALITY MONITORING DATA:

401.1 Annual Air Quality Monitoring Report: The Control Officer shall submit to the Administrator an annual summary report that at a minimum meets the requirements of 40 CFR 58.26 and 40 CFR 58, Appendix F. The annual report will be made available to the public at the address listed in Section 102 of this rule.

401.2 Daily Air Quality Index (AQI) Report: The Control Officer shall report to the general public an AQI that at a minimum meets the requirements of 40 CFR 58.50 and 40 CFR 58, Appendix G. The AQI will also be made available to the public at the address listed in Section 102 of this rule.

SECTION 500 - MONITORING AND RECORDS (NOT APPLICABLE)