

MARICOPA COUNTY AIR QUALITY DEPARTMENT
Permitting Division
1001 N. Central Avenue, Suite 125, Phoenix, Arizona 85004
Phone: (602) 506-6010 Fax: (602) 506-6985

GENERAL PERMIT TO OPERATE AND/OR CONSTRUCT
(As required by Title 49, Chapter 3, Article 2, Section 49 – 480, Arizona Revised Statutes
and Maricopa County Air Pollution Control Regulations)

for
WOOD FURNITURE, FIXTURE AND MILLWORK OPERATIONS

*This general permit to operate and/or construct does not relieve the applicant of the responsibility
of meeting all air pollution regulations.*

THE PERMITTEE IS SUBJECT TO THE SPECIFIC AND GENERAL CONDITIONS IDENTIFIED IN THIS PERMIT.

EXPIRATION DATE: 05/24/2023 **REVISION DATE:** 05/24/2018

Philip McNeely, Director, Maricopa County Air Quality Department

TABLE OF CONTENTS

<u>SPECIFIC CONDITIONS</u>	1
1. Definitions:.....	1
2. Allowable Emissions for VOCs:	2
3. Opacity:	2
COATING MILLWORK, WOOD FURNITURE AND FIXTURES	3
4. Controls:	3
5. Coating VOC Limits:	3
6. Adhesives and Lamination - Operational Limitations:	4
7. Spray Method Requirements:	4
8. Operation and Maintenance:	5
9. Exemptions from VOC and Spray-Method Limits:	5
10. Housekeeping Functions:	6
11. Recordkeeping:.....	6
WOODWORKING OPERATIONS	7
12. Controls:	7
13. Material Limitation:	8
14. Operation and Maintenance (O&M) Plan Requirements:	8
15. Records:.....	8
FUEL BURNING EQUIPMENT	8
16. Maximum Facility Heat Input:	8
17. Operational Limitations and Standards:	8
STATIONARY EMERGENCY INTERNAL COMBUSTION ENGINES (ICE)	9
18. Operating Restrictions:.....	9
19. Fuel Requirements:	9
20. Monitoring:.....	9
21. Opacity Limitations:.....	9
22. Requirements for Stationary Ice Subject to NSPS Subpart IIII:	10
23. Requirements for Stationary Spark Ignition ICE Subject to NSPS Subpart JJJJ:	10
24. Requirements for Stationary ICE Subject to 40 CFR Part 63, Subpart ZZZZ:	11
25. Record Keeping:.....	12
26. Reporting:.....	13
RULE 310: FUGITIVE DUST FROM DUST-GENERATING OPERATIONS	13
27. Applicability:.....	13
28. Exemptions:.....	13
29. Dust Control Plan Requirement:	14
30. Visible Emission Requirements for Dust-Generating Operations:.....	14
31. Exemptions from Dust-Generating Operation Opacity Limitation Requirement:	14
32. Stabilization Requirements for Dust-Generating Operations:.....	14
33. Control Measures for Dust-Generating Operations:.....	14

34. Trackout, Carry-Out, Spillage, and/or Erosion:	15
35. Dust Control Plan Revisions:	15
36. Record Keeping:.....	15
37. Records Retention:	16
<u>GENERAL CONDITIONS</u>	16
38. Coverage under the General Permit:	16
39. Revocation of the Authority to Operate under this General Permit:	16
40. Posting of Permit:.....	16
41. Compliance:	17
42. Malfunctions, Emergency Upsets, and Excess Emissions:	17
43. Revision / Reopening / Revocation:	17
44. Records:.....	17
45. Certification of Truth, Accuracy, and Completeness:	17
46. Facility Change Reporting:	18
47. Right to Entry:.....	18
48. Severability:	18

Any cited regulatory paragraphs or section numbers refer to the version of the rules and regulations that were in effect on the first date of public notice of the applicable Permit Condition unless specified otherwise. However, in the event the rules and regulations are amended during the term of this Permit, the amended rules and regulations shall apply to this Permit. Whenever the term, Control Officer, is used in this Permit it shall be interpreted to mean, Control Officer or designated representative. Where the term "Rule" appears, it shall be construed to mean "Maricopa County Air Pollution Control Regulations" unless otherwise noted.

SPECIFIC CONDITIONS

1. Definitions:

For the purposes of this General Permit, the following definitions shall apply:

- a. ***Certified Product Data Sheet*** - A document, signed by an officer of a coating-supplying operation, stating precisely the maximum VOC content of a particular coating as supplied.
- b. ***Coating*** - Any liquid, fluid, or mastic composition which is converted to a solid (or semi-solid) protective, decorative, or adherent film or deposit after application to a substrate as a thin layer.
- c. ***Day*** - A period of 24 consecutive hours beginning at midnight.
- d. ***Emergency*** - A situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a limitation in this Permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include any noncompliance due to improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.
- e. ***Emergency Activity*** - Repairs that are a result of an emergency which prevents or hinders the provision of electricity, the distribution/collection of water, and the availability of other utilities due to unforeseen circumstances that are beyond the routine maintenance and repair due to normal wear conducted by a utility or municipality.
- f. ***Emission Control System (ECS)*** - A system for reducing emissions of organic compounds, consisting of both collection and control devices which are approved in writing by the Control Officer and are designed and operated in accordance with good engineering practice.
- g. ***Facility*** - For the purpose of this Permit, all the pollutant-emitting activities located on one or more contiguous or adjacent properties, under the control of the same person or persons under common control, and described by one or more of the industrial groupings listed in the definitions of *Wood Furniture and Fixtures* and *Wood Millwork*.
- h. ***Finishing Material*** - A coating other than one designed solely or principally as an adhesive, temporary maskant, and/or preservative. For wood furniture and fixtures, finishing materials include, but are not limited to, topcoats, sealers, primers, stains, basecoats, washcoats, enamels, toners, glazes, and graining inks.
- i. ***Fugitive Dust*** - The particulate matter not collected by a capture system, that is entrained in the ambient air, and is caused from human and/or natural activities, such as, but not limited to, the movement of soil, vehicles, equipment, blasting, and wind.
- j. ***Opaque Coating*** - Any functional film building coating which completely hides all grain, marking, shade, and color of the substrate under all lighting conditions including the brightest, direct sunlight.
- k. ***Owner and/or Operator*** - The 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 this Permit.
- l. ***Responsible Official*** - One of the following:
 - i. 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 operating facilities applying for or subject to a permit and the delegation of authority to such representatives is approved in advance by the Control Officer;

- ii. For a partnership or sole proprietorship: A general partner or the proprietor respectively;
- iii. For a municipality or other public agency: Either a principal executive officer or ranking elected official.
- m. **VOC-Borne Coating** - A coating in which the volatile portion contains, by weight, more VOC than water.
- n. **VOC-Solvent** - A solvent or diluent, used to solvate, dilute, reduce, thin, clean or strip, in which the weight-percent of VOC exceeds the weight percent of water.
- o. **Volatile Organic Compound (VOC)** - Any organic compound which participates in atmospheric photochemical reactions, except a non-precursor organic compound.
- p. **Wood Furniture And Fixtures** - All furnishings made of wood-product that are included in Standard Industrial Classification (SIC) numbers 2434, 2511, 2512, 2517, 2519, 2521, 2531, 2541, or 2599 as well as wood-product on convertible furniture under SIC number 2515.
- q. **Wood Millwork** - All millwork made of wood-product that is included in Standard Industrial Classification (SIC) number 2431. This includes, but is not limited to, shutters, doors, windows and their associated woodwork.
- r. **Wood-Product** - Wood or wood-derived material, such as chipboard, particle board, fiberboard, pressed board, paper, and any other material derived from wood, bamboo, cane, or rattan, that retains some of the physical structure(s) of such original material(s), even if only at a microscopic level.

[County Rules 100, 130, 342, 346]

2. Allowable Emissions for VOCs:

- a. The Permittee shall limit total VOC emissions for all surface coating operations to less than 10.0 tons per any 12-month period, prior to or without control. This limit includes emissions from solvents used for thinning and/or cleaning and adhesives used for gluing, edge banding, laminations, etc.
- b. If the VOC emissions exceed 10.0 tons per 12-month period, the source will lose its eligibility for this General Permit. Within 60 days of the exceedance, the Permittee shall submit an application for a Non-Title V Air Permit in accordance with Rule 200, Section 303.
- c. The 12-month rolling total emissions shall be calculated monthly by the end of the following month by summing the emissions over the most recent 12 calendar months. The Permittee shall keep this emission record on-site for inspection or submittal upon request.

[Rule 220 §302.2] [Rule 241 §§304, 305, 308]

3. Opacity:

No person shall discharge into the ambient air from any single source of emissions any air contaminant, other than uncombined water, in excess of 20% opacity for a period aggregating more than three minutes in any 60-minute period.

- a. If any non-compliant visible emissions (excluding water vapor) are detected or reported, the Permittee shall determine the cause and/or the source of emissions. The Permittee shall then take immediate corrective action(s) and if necessary, shut down the applicable equipment. If visible emissions (excluding water vapor) exceed the above opacity standards subsequent to implementing corrective action(s), the Permittee shall shut down the applicable equipment and institute repairs or changes necessary to ensure compliance prior to resuming operations.
- b. Compliance with the opacity requirement shall be determined by observations of visible emissions conducted in accordance with EPA Reference Method 9 as modified by EPA Reference Method 203B.

[Rule 300 §§301, 501]

COATING MILLWORK, WOOD FURNITURE AND FIXTURES**4. Controls:**

The Permittee shall comply with the following controls:

- a. The Permittee shall conduct all spray coating operations inside of a painting enclosure. [Rule 315 §301]
- b. Equipment Operated In Enclosures Located Outside a Building: Spray coating equipment shall be operated inside an enclosure which has at least three sides a minimum of eight feet in height and able to contain any object or objects being coated.
 - i. Three-Sided Enclosures: Spray shall be directed in a horizontal or downward pointing manner so that overspray is directed at the walls or floor of the enclosure. No spraying shall be conducted within three feet of any open end and/or within two feet of the top of the enclosure.
 - ii. More Complete Enclosures: For enclosures with three sides and a roof or complete enclosures, spray shall be directed into the enclosure so that the overspray is directed away from any opening in the enclosure. No spraying shall be conducted within three feet of any open end and/or within two feet of any open top of the enclosure. [Rule 315 §301.1]
- c. Any spray booth or enclosure with forced air exhaust vented directly outside shall be equipped with exhaust filters which are certified by the manufacturer and accepted by the Control Officer as having a minimum overspray removal efficiency of at least 92% for similar types of applications. The Permittee shall install and maintain the exhaust filters in accordance with the manufacturer's recommendations, with no gaps or visible openings. [Rule 315 §301.2]
- d. Reasonable Stack Height Required: Where a stack, vent or other outlet is at such a level that air contaminants are discharged to adjoining property, the Control Officer may require the installation of abatement equipment or the alteration of such stack, vent, or other outlet to a degree that will adequately dilute, reduce or eliminate the discharge of air contaminants to adjoining property. [Rule 320 §303]

5. Coating VOC Limits:

- a. Millwork: The Permittee shall not apply coatings to wood-product surfaces on millwork unless the VOC content is limited to the following, as applied, less water and non-precursor organic compounds:
 - i. General VOC Limits of Coatings:
 - 1) All Non-opaque sealers, primers, & topcoats: 5.45 lbs VOC/gal or 655 g/liter.
 - 2) All Opaque sealers, primers, basecoats & topcoats: 5.10 lbs VOC/gal or 610 g/liter. [Rule 346 Appendix B, c]
 - ii. VOC Tradeoff Options:
 - 1) Low VOC Topcoat with Unlimited Sealer: A sealer has no VOC limit if all of its topcoat(s) have no more than 3.83 lbs VOC/gal (460 g/liter).
 - 2) Low VOC Sealer and Higher VOC Topcoat: A sealer containing no more than 2.30 lbs VOC/gal (275 g/liter) may be covered by a topcoat containing up to 5.66 lbs VOC/gal (680 g/liter).
 - 3) Single Application Finish: A sealer or topcoat may contain up to 5.66 lbs VOC/gal (680 g/liter) if the coating operation consists of a single wet application of either sealer or topcoat (not both) and the thickness of the dry finish does not exceed 3 dry mils (0.003 inches), as determined by the test method in Rule 346 §502.3. [Rule 346 Appendix B, d]
- b. Wood Furniture and Fixtures - VOC Limits for Topcoats and Sealers: The Permittee shall only apply

topcoats and sealers to wood furniture and fixtures that comply with either Subsection [i] or Subsection [ii] below:

- i. Principal VOC Limits for Sealers and Topcoats:
 - 1) 2 lbs VOC/lb solids (2 kg VOC/kg solids), as applied; or
 - 2) 5.45 lbs VOC/gal (653 g/liter), as applied, minus water and non-precursor organic compounds. [Rule 342 Appendix B, c(1)]
- ii. VOC Tradeoff Options:
 - 1) Low VOC Topcoat with Unlimited Sealer: A sealer has no VOC limit if all of its topcoats have either no more than 0.8 lb VOC/lb solids (0.8 kg VOC/kg solids) or no more than 3.83 lbs VOC/gal (455 g/liter), as applied, minus water and non-precursor organic compounds.
 - 2) One-Step Finish: A sealer or topcoat may contain up to 3 lbs VOC/lb solids (3 kg VOC/kg solids) or 6.0 lbs VOC/gal (719 g/liter), as applied, if the coating operation consists of a single wet application of either sealer or topcoat (not both) and the thickness of the dry finish does not exceed 3 dry mils (0.003 inches), as determined by the test methods in Rule 342 §502.3. [Rule 342 Appendix B, c(2)]

6. Adhesives and Lamination - Operational Limitations:

The Permittee shall comply with the following operational limitations:

- a. Limitations—Operations Involving Heat:
 - i. The temperature of the adhesives, glues, and laminating materials shall be maintained below 200°F. The temperature shall be measured daily during adhesive, gluing, or laminating operations.
 - ii. The Permittee shall discharge no more than 15 pounds (6.8 kg) of VOC into the atmosphere in any one day from any machine, equipment, device, or other article in which any VOC or any material containing a VOC comes into contact with flame or is evaporated at temperatures exceeding 200°F (93.3°C), in the presence of oxygen.
- b. Non-Complying Solvents: The Permittee shall discharge no more than 40 pounds (18 kg) VOC into the atmosphere in any one day from any machine, equipment, device or other article for employing, applying, evaporating or drying any non-complying solvent (as defined in Section 202 of Rule 330) or material containing such non-complying solvent.
- c. If controls are needed to comply with the enforceable emission limits of MCAQD Rule 330 §§301, 302 the Permittee shall not be eligible for the Wood Furniture, Fixture and Millwork Operations General Permit and immediately apply for a Non-Title V Air Quality Permit. [Rule 330 §§301, 302, 304]

7. Spray Method Requirements:

- a. Millwork
 - i. The Permittee shall not apply any coating containing more than 4.3 lbs VOC/gal (515 g/liter) with a conventional air-atomized or other restricted use gun. This prohibition includes, but is not limited to, traditional lacquers, washcoats, and low-solids stains. [Rule 346 Appendix B, e(2)(b)]
 - ii. The Permittee shall not spray millwork with coating exceeding 4.3 lbs VOC/gal (515 g/liter) without providing evidence of possession and use of one of the following onsite:
 - 1) Low-pressure gun with less than 12 psig at tip, such as a pure HVLP gun or a turbine gun.
 - 2) Airless; includes air-assisted airless.
 - 3) An electrostatic system. [Rule 346 Appendix B, e(1)]

iii. Green Tag Requirements – Restriction on conventional guns and other restricted use guns:

- 1) A conventional air-atomized or other restricted-use gun shall have a durable and visible tag, sticker, or painted emblem, no less than 4 square inches in area on the gun or within 3 ft of the gun on the gun's hose, or the facility is in violation. But, such a tag is not required at a facility having and using only coatings which contain less than 4.30 lbs VOC/gal (515 g/l), as applied.
[Rule 346 Appendix B, e(2)]

b. Wood Furniture and Fixtures:

i. The Permittee shall not spray any wood furniture or fixtures with coating exceeding 1 lb VOC/lb solids without providing evidence of possession and use of one of the following onsite:

- 1) Low-pressure gun with less than 12 psig at air cap.
- 2) An HVLP gun or a turbine gun with 10 psig or less at air cap.
- 3) Airless; includes air-assisted airless.
- 4) An electrostatic system.

[Rule 342 Appendix B, d(1)]

ii. Conventional Spray Gun Restriction: The Permittee shall not apply any coating containing more than 1 lb VOC/lb solids, as applied, with a conventional air-atomized or other restricted use gun unless both of following conditions are met (this prohibition includes, but is not limited to, traditional lacquers, washcoats, and low-solids stains):

- 1) The volume of such coating applied in this way is less than five percent (5%) of the total semi-annual volume of coating applied at the facility; and
- 2) A log is kept pursuant to Subsection [b.ii.2)a)] of this Permit Condition of the amount of coating used by each such gun. This shall be done daily or each time coating is added to the gun's coating reservoir; and semi-annual calculation shall be made pursuant to Subsection [b.ii.2)b)] of this Permit Condition.
 - a) Daily Updates for Non-Compliant Material: The amount of each working day's use of each topcoat, sealer or booth material that exceeds 1 lb VOC/lb solids, as applied shall be totaled and logged by the end of the following workday working day. VOC content shall be entered for each such material.
 - b) The log shall show for each semi-annual period the volume (VR) of finishing materials exceeding solids (1 lb VOC/ lb solids) (1 kg VOC/kg solids) applied with conventional air-atomized spray guns and other restricted use guns. In addition, the total volume of all finishing material (AMV) used throughout the facility shall be determined. The total volume (VR) so applied over the previous six-months is divided by the total of all coatings used in the same period (AMV) and these calculations and the result are entered in the log.

[Rule 342 §§103.2.e, 501.2, Appendix B, d(2)]

8. Operation and Maintenance:

An owner or operator subject to this rule shall operate and maintain in proper working order all process equipment in which VOC-containing materials are used or stored.

[Rule 342 §303] [Rule 346 §303]

9. Exemptions from VOC and Spray-Method Limits:

a. Small Source Status – If the Permittee meets Subsections [a.i] and [a.ii] of this Condition, the Permittee shall be exempt from Permit Conditions [5], [7], [10.c] and [10.d]:

- i. To qualify for the Small Source exemption the Permittee shall limit facility-wide VOC emissions from all wood coating operations to no more than 4,000 pounds per 12-month period, including coating, solvent cleaning, stripping, and equipment cleanup processes. The 12-month rolling total

VOC emissions shall be calculated monthly within 30 days following the end of each calendar month by summing the emissions over the most recent 12 calendar months. The Permittee shall keep this emission record on-site for inspection or submittal upon request.

- ii. The Permittee shall use no more than a total of 55 gallons of VOC-borne coatings and solvent for wood coating operations in any calendar month.
- iii. The Permittee shall limit the usage of VOC-borne wood-product coatings and solvent such that the monthly total divided by that month's number of days of coating application does not exceed 3.0 gallons.

[Rule 342 §103.2(d)] [Rule 346 §307.2(c)]

- b. The following coating types and operations are exempt from Permit Conditions [5] and [7]:
 - i. Coating using a prepackaged aerosol spray can less than 22 fluid ounces in capacity.
 - ii. Faux and metal-leaf finishes.
 - iii. Any refinishing operation necessary for preservation, to return millwork/furniture to original condition, to replace missing millwork/furniture items to complete a matching set, or to produce custom replica millwork/furniture.

[Rule 342 Appendix B, d(3)] [Rule 346 Appendix B, e(3)]

10. Housekeeping Functions:

- a. Keep VOC Containing Materials, such as Adhesives, Coatings, Cleaners, Glues, Solvents, and Waste Materials, Covered: The Permittee shall ensure that coatings and cleaners not in use, as well as waste coatings, cleaning materials including solvent-dipped rags, and solvent used to clean spray equipment are collected in closed containers or containers which are closed immediately after receiving such material.

[Rule 330 §306][Rule 342 Appendix B, e(1)] [Rule 346 Appendix B, f(1)]

- b. Such containers one gallon and larger shall be legibly labeled with their contents.

[Rule 330 §306.2]

- c. Booth Cleaning: The Permittee shall not clean spray booth components using a VOC-containing solvent containing more than eight percent (8.0%) by weight of VOC, including water and non-precursor compounds, except for: conveyors; continuous coaters and their enclosures; and metal filters and while refurbishing spray booths. If the strippable booth coating is being replaced, an owner or operator shall not use more than 1.0 gallon (3.8 liters) VOC-containing solvent per booth to clean the spray booth.

[Rule 342 Appendix B, e(2)] [Rule 346 Appendix B, f(2)]

- d. Cleaning Guns and Lines: The Permittee shall collect all solvent used to clean spray guns and shall pump or drain all solvent used for line cleaning into non-leaking container(s). Such containers shall be immediately closed or covered after all the solvent has been collected, and shall remain so except when in use.

[Rule 330 §305][Rule 342 §305.2] [Rule 346 §304.2]

11. Recordkeeping:

The Permittee shall maintain the following records for a period of at least five years from the date of such record and make them available to the Control Officer upon request:

- a. A list of all VOC-containing material, stating the name and VOC content of each material in units of either lb VOC/lb solids (kg VOC/kg solids) or lb VOC /gal (g VOC/l). For topcoats and sealers, if the VOC content is expressed as lb/gal, the value must be minus water and non-precursor organic compounds. The material list shall also state whether the materials are being applied to furniture or millwork.
- b. A list of all sealers and topcoats that are thinned or reduced by the Permittee, stating the maximum VOC content of the material after thinning.
- c. Receipts of the amount received for each VOC-containing material and amount of all VOC-waste materials sent for recycling or hazardous waste collection.

- d. Records of the amount of materials listed below, noting either the amount "used" or the amount "received" since the last record update. The Permittee shall update the records monthly by the end of the following month, unless the total monthly usage of all coatings and diluents is 250 gallons or more, in which case the records shall be updated on a weekly basis by the end of the following week. You may record just once a year those types of materials of which you use less than 15 gallons.
- i. All coatings (topcoats, sealers, stains, etc.) and additives (catalysts, activators, hardeners), excluding reducers. If any conventional guns are used at the facility, the Permittee shall total separately each coating containing:
- 1) Millwork: less than 4.3 lbs VOC/gal (515 g/liter), minus water and non-precursor organic compounds;
 - 2) Furniture: less than 1 lb VOC/lb solids
- ii. All reducers and diluents used for reducing or diluting coatings, excluding cleaners;
- iii. All solvents, strippers, thinners, and VOC-containing materials used for cleaning and cleanup; and
- iv. All other VOC-containing materials associated with wood coating operations, excluding materials used for janitorial and building maintenance purposes.
[Rule 342 Appendix B, f] [Rule 346 Appendix B, g]
- e. The coating log required under Permit Condition 7.b.ii, if applicable.
[Rule 342 Appendix B, e(3)]
- f. Daily records of temperatures for adhesive or laminating operations per Permit Condition [6].
- g. Records of the 12-month rolling total emissions, as required by Permit Condition [2.c].
[Rule 220 §302.7]

WOODWORKING OPERATIONS

12. Controls:

- a. The Permittee shall ensure that all sawing, sanding, routing, carving, cutting, drilling and machining tools, which are not hand-held or manually operated shall be:
- i. Exhausted without by-pass to an existing permitted and properly functioning Emission Control System (ECS); or,
 - ii. Vented inside of a building with the exhaust directed away from any opening to the building exterior.
- For the purposes of this Permit Condition, a properly functioning ECS shall be defined as having a removal efficiency of at least 90% by weight for particulate matter that is supported by manufacturer's data or the Department approved performance test. This ECS shall be operated within the parameters specified in an approved Operation and Maintenance Plan required by this permit.
[Rule 220 §302.23(a)(1)][Rule 311 §304][Rule 241 §305]
- b. Hand-held or manually operated tools used for buffing, polishing, carving, cutting, drilling, machining, routing, sanding, sawing, and surface grinding wood with combined emissions less than 2.0 tons of PM₁₀ per year are exempt from this requirement.
- c. Work Practices – The Permittee shall implement all of the following control measures:
- i. Sawdust shall be stored in a manner that limits the potential for material to be transported during a wind event.
 - ii. The Permittee shall clean up sawdust with a potential to be transported during a wind event at least once each business day.
 - iii. Sawdust shall be transferred in a manner that minimizes dust emissions.

[Rule 100 §200.63.h(6)] [Rule 241 §305]

13. Material Limitation:

The Permittee shall limit the amount of sawdust collected to no more than 150 tons per 12-consecutive month period.

[Rule 220 §302.2]

14. Operation and Maintenance (O&M) Plan Requirements:

If the facility has an ECS such as a dust collector or baghouse that exhausts outside of the building, the Permittee shall submit an approvable O&M Plan for the ECS to the Department within 45 days of the issuance, or the renewal of this permit, or the start-up of the new ECS whichever occurs later, in accordance with the Department guidelines, unless the O&M plan has already been submitted and approved.

- a. As part of the O&M Plan, the Permittee shall establish appropriate ranges for the key operating parameters for each control device. The Permittee shall monitor, operate and maintain the equipment in accordance with the device's approved O&M Plan.
- b. If any control device is found to be operating outside a specified range, the Permittee shall immediately take corrective action to bring the device back into the specified operating range or shut down the device and the associated equipment vented to it.
- c. If a pattern of excursions, as determined by the Department or the Permittee, of operation outside the specified operating range develops, the Permittee shall submit for Department approval a Corrective Action Plan to bring the devices back into the specified operating range. The Plan shall be submitted to the Department, Attn: Compliance Manager, within 30 days of the determination of the existence of excursions.

[Rule 220 §302.4][Rule 241 §305]

15. Records:

The Permittee shall maintain the following records for a period of at least five years from the date of the records and make them available to the Control Officer upon request:

- a. The Permittee shall maintain a list of the current woodworking equipment used at the facility. The list shall contain the horsepower rating of the equipment and be maintained with the permit.
- b. The Permittee shall maintain a monthly and 12-month rolling total record of the amount of sawdust generated from the facility by the end of the following month.
- c. The Permittee shall maintain records of any monitoring and maintenance requirements specified in the O&M Plan.

[Rule 220 §302.7]

FUEL BURNING EQUIPMENT

External Fuel-Burning Equipment includes boilers, furnaces, space heaters, water heaters, pool and spa heaters, kilns, ovens, burners, stoves, steam cleaners, hot water pressure washers, etc.

16. Maximum Facility Heat Input:

The maximum combined heat input rating for all fuel burning equipment at the facility (excluding internal combustion engines) over 300,000 BTU/Hr shall be less than 2.0 million BTU/Hr.

[Rule 220 §302.2]

17. Operational Limitations and Standards:

The Permittee shall only burn natural gas, propane, and butane as fuels in the fuel burning equipment.

[Rule 220 §302.2]

STATIONARY EMERGENCY INTERNAL COMBUSTION ENGINES (ICE)**18. Operating Restrictions:**

- a. Only emergency ICE may be constructed and operated under this General Permit.
- b. The total combined rating of all stationary ICE greater than 50 brake horsepower (bhp) shall not exceed 250 bhp.
[Rule 100 §200.63.e(1)][Rule 230 §301][Rule 220 §302.2]
- c. The Permittee shall limit the operation of the emergency engine(s) to no more than 100 hours each per calendar year for the purposes of maintenance checks and readiness testing.
[40 CFR §§ 60.4211(f)(2); 60.4243(d); 63.6640(f)(2)]
- d. The Permittee shall limit the total hours of operation of each ICE to no more than 500 hours per any twelve consecutive months, including no more than 100 hours per calendar year for the purpose of maintenance checks and readiness testing.
[Rule 241 §302]
- e. Stationary ICE shall not be used for peak shaving. Stationary ICE shall only be used for the following purposes:
 - i. For power when normal power service fails from the serving utility or if onsite electrical transmission or onsite power generation equipment fails;
 - ii. Reliability-related activities such as engine readiness, calibration, or maintenance or to prevent the occurrence of an unsafe condition during electrical system maintenance as long as the total number of hours of the operation does not exceed 100 hours per calendar year per engine as evidenced by an installed non-resettable hour meter;
 - iii. Emergency pumping of water resulting from a flood, fire, lightning strikes, police action or for any other essential public services which affect the public health and safety;
 - iv. Sewage overflow mitigation and/or prevention; or
 - v. To operate standby emergency water pumps for fire control that activate when sensors detect low water pressure.
[40 CFR §§ 60.4211(f); 60.4243(d); 63.6640(f)]

19. Fuel Requirements:

- a. The Permittee shall not burn diesel fuel containing more than 15 ppm sulfur by weight in any ICE.
- b. For ICE subject to NSPS Subpart IIII, as specified in Permit Condition [22.a], the Permittee shall only use diesel fuel that has a minimum cetane index of 40 or a maximum aromatic content of 35 volume percent.
[40 CFR §§60.4207(a,b); 80.510(c)(1)-(2)]
- c. The Permittee shall operate stationary spark ignition (SI) ICE only using gasoline, natural gas, propane or other liquefied petroleum gas (LPG)
[Rule 220 §302.2]

20. Monitoring:

The Permittee shall install a non-resettable totalizing hour meter prior to startup of each engine. If the non-resetting totalizing hour meter is found to be malfunctioning, operation of the engine shall cease until corrective action(s) can be implemented or the function of the meter is restored
[40 CFR §§ 60.4209; 63.6625(f)]

21. Opacity Limitations:

- a. Unless otherwise stated in 40 CFR § 60.4205, the Permittee shall not discharge into the ambient air from any single source of emissions any air contaminate (including non-road engines), other than uncombined water, in excess of 20% opacity.

[40 CFR §§ 60.4205; 60.4202; 89.113(a)(2)]

- b. Compliance with visible emissions shall be determined using the techniques specified in EPA Reference Method 9, 40 CFR Part 60, Appendix A.

[Rule 220 § 302]

22. Requirements for Stationary Ice Subject to NSPS Subpart IIII:

*** This section may be applicable to emergency diesel engines. ***

- a. Applicability: The following stationary ICE are subject to NSPS Subpart IIII: Standards of Performance for Stationary Compression Ignition (CI) Internal Combustion Engines

- i. Any stationary CI ICE that is not a fire pump engine that was ordered after July 11, 2005 and manufactured after April 1, 2006.
- ii. Any CI fire pump engine ordered after July 11, 2005 and manufactured as a certified National Fire Protection Association (NFPA) fire pump engine after July 1, 2006.
- iii. Any stationary emergency CI ICE that was modified or reconstructed after July 11, 2005.

[40 CFR 60.4200(a)]

- b. Emission Standards - Stationary CI ICE shall be certified by the engine manufacturer to meet the emission standards in 40 CFR 60.4205.

[40 CFR §§ 60.4202; 60.4205; 60.4211; 1039.115; 89.113]

- c. Crankcase emissions: Naturally aspirated engines shall not discharge crankcase emissions into the ambient atmosphere, unless such crankcase emissions are permanently routed into the exhaust and included in all exhaust emission measurements. This provision does not apply to engines using turbochargers, pumps, blowers, or superchargers for air induction.

[40 CFR §§ 60.4205; 89.112(e); 1039.115(a)]

- d. The Permittee shall operate and maintain the engine according to the manufacturer's written instructions, or procedures developed by the Permittee that are approved by the engine manufacturer, over the entire life of the engine.

[40 CFR §§ 60.4211(a); 60.4206]

- e. The Permittee shall only change those engine settings that are permitted by the manufacturer.

- f. The Permittee shall meet the requirements of 40 CFR Part 89 as it applies.

[40 CFR 60.4211(a)]

23. Requirements for Stationary Spark Ignition ICE Subject to NSPS Subpart JJJJ:

*** This section may be applicable to emergency gasoline, natural gas, propane or other LPG engines. ***

- a. Applicability: The following engines listed below are subject to NSPS Subpart JJJJ: Standards of Performance for Stationary Spark Ignition (SI) Internal Combustion Engines and this permit Section:

- i. Any emergency stationary SI ICE that was ordered after June 12, 2006 and manufactured after January 1, 2009.
- ii. Any emergency stationary SI ICE that was modified or reconstructed after June 12, 2006.
- iii. Any emergency stationary SI ICE using alcohol-based fuels is considered a gasoline engine under NSPS Subpart JJJJ.

[40 CFR 60.4230(a)]

- b. Emission Standards - Stationary SI ICE shall be certified by the engine manufacturer to meet the emission standards in 40 CFR 60.4233.

[40 CFR §60.4233] [40 CFR §§ 90.103; 1054.103, 105]

- c. The Permittee shall operate and maintain the certified SI ICE according to the manufacturer's emission-related written instructions.

- d. The Permittee shall meet the requirements as specified in 40 CFR part 1068, subparts A through D, as

they apply.

[40 CFR §60.4243(a)]

- e. The Permittee shall not install SI ICE with a maximum engine power:
- i. Equal to or less than 25 bhp that do not meet the applicable requirements in 40 CFR §60.4233 after July 1, 2010;
 - ii. Greater than 25 bhp that do not meet the applicable requirements in 40 CFR §60.4233 after January 1, 2011;
 - iii. These installation dates do not apply to SI ICE that have been reconstructed, nor to second hand engines or engines that have been removed and reinstalled at a new location.

[40 CFR §60.4236]

24. Requirements for Stationary ICE Subject to 40 CFR Part 63, Subpart ZZZZ:

*** This section may be applicable to older SI and CI emergency engines. ***

- a. Applicability: The requirements of 40 CFR Part 63 Subpart ZZZZ: National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE) and this Permit Section apply to each stationary RICE that was ordered by the original owner prior to June 12, 2006, except for the following:
- i. Emergency RICE subject to NSPS Subpart IIII.
 - ii. Emergency RICE subject to NSPS Subpart JJJJ.
 - iii. Stationary RICE that is tested at a stationary test cell/stand.
 - iv. Stationary RICE that is used for national security purposes.

[40 CFR §§ 63.6585; 63.6590]

b. Operating Requirements:

- i. The Permittee shall operate and maintain all engines and associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Control Officer which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.
[40 CFR §63.6605]
- ii. The Permittee shall operate and maintain each engine according to the manufacturer's emission-related operation and maintenance instructions or develop and follow the Permittee's own maintenance plan which must provide to the extent practicable for the operation and maintenance of the engine in a manner consistent with good air pollution control practice for minimizing emissions.
[40 CFR §63.6640(a), Table 6(9)]
- iii. During periods of startup the Permittee shall minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

[40 CFR §63.6625(h)]

c. Maintenance Schedule: The Permittee shall comply with the following for each engine subject to this Permit Section:

- i. Change oil and filter or perform an Oil Analysis Program every 500 hours of operation or annually, whichever comes first. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity and percent water content. The condemning limits for these parameters are as follow:
 - 1) Total Base Number is less than 30 percent of the Total Base Number of the oil when new;

- 2) Viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new;
- 3) Percent water content (by volume) is greater than 0.5.

If none of these limits are exceeded, the Permittee is not required to change the oil. If any of the limits are exceeded, the Permittee must change the oil before continuing to use the engine. The Permittee must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine.

- ii. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary;
- iii. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.
- iv. If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the schedule required by this Condition, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under Federal, State, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under Federal, State, or local law has abated. The management practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under Federal, State, or local law has abated. Sources must report any failure to perform the management practice on the schedule required and the Federal, State or local law under which the risk was deemed unacceptable.

[40 CFR §63.6603(a), Table 2d(4)]

25. Record Keeping:

- a. The Permittee shall maintain the following records for all stationary ICE for a period of five years:
 - i. An initial one time entry listing the particular engine combustion type (compression or spark-ignition or rich or lean burn); manufacturer; model designation; rated brake horsepower; serial number, and; where the engine is located on the site.
 - ii. Monthly rolling twelve month total of hours of operation, including hours of operation for testing, reliability and maintenance.
 - iii. Fuel type and sulfur content of fuel. The Permittee shall maintain fuel receipts, contract specifications, pipeline meter tickets, Material Safety Data Sheets (MSDS), fuel supplier information or purchase records, if applicable, from the fuel supplier, indicating the sulfur content of the fuel oil. In lieu of these, testing of the fuel oil for sulfur content to meet the applicable sulfur limit shall be permitted as evidence of compliance.
 - iv. An explanation for the use of the engine if it is used as an emergency engine.
[Rule 220 §302.7] [40 CFR §§ 60.4214(b); 60.4245(b); 63.6655(f)]
- b. The Permittee shall maintain records of all maintenance performed on the engines subject under Permit Condition [23.a] (NSPS Subpart JJJJ), as applicable.
[40 CFR §60.4245(a)(2)]
- c. The Permittee shall maintain a copy of manufacturer data for each engine subject under Permit Conditions [22.a] or [23.a] (NSPS Subparts IIII or JJJJ) indicating compliance with the emission standards contained in this Permit, as applicable.
[Rule 220 §302.7] [40 CFR §§ 60.4211(b)(3); 60.4245(a)(3)]
- d. For each engine subject under Permit Conditions [22.a] or [24.a] (NSPS Subpart IIII or 40 CFR 63 Subpart ZZZZ), the Permittee shall maintain an onsite copy of the manufacturer's written instructions, or procedures developed by the Permittee in accordance with these Permit Conditions and make it available to MCAQD upon request.

[Rule 220 §302.7] [40 CFR §§ 63.6655(e); 63.6660]

- e. For each emergency ICE subject under Permit Condition [24.a] (40 CFR 63 Subpart ZZZZ), the Permittee shall maintain records which must include, at a minimum, the following:
- i. Oil and filter change dates and corresponding hour on the hour meter;
 - ii. Inspection and replacement dates for air cleaners, hoses, and belts; and
 - iii. Records of other emission-related repairs and maintenance performed.
- [Rule 100 §504] [Rule 220 §501] [40 CFR §§ 63.6640(a); 63.6655(e)(2); 63.6660]

26. Reporting:

- a. Deviations from Stationary ICE Maintenance Schedule:
The Permittee shall report any failure to perform a maintenance operation on the schedule required by Permit Condition [24.c] and the Federal, State or local law under which the risk was deemed unacceptable. The Report shall be submitted to the Control Officer, Attn: Compliance Division Manager, within 2 working days after the date on which the maintenance operation was required to be performed. A subsequent report shall be submitted to the Control Officer within 2 working days after the required maintenance operation is performed.
- [Rule 220 §302.8] [40 CFR §63.6640(b)]
- b. Emergency Reporting:
The Permittee, as soon as possible, shall telephone the Control Officer giving notice of the emergency and shall submit a notice of the emergency to the Control Officer by certified mail, facsimile, or hand delivery within 2 working days of the time when operating limitations were exceeded due to the emergency. This notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective action taken.
- [Rule 130 §402]

RULE 310: FUGITIVE DUST FROM DUST-GENERATING OPERATIONS

27. Applicability:

- a. The provisions of this Permit Section apply to all dust-generating operations except for those dust-generating operations listed in the Condition below. Any person engaged in a dust-generating operation subject to this Permit Section shall be subject to the standards and/or requirements of this Permit Section before, after, and while conducting such dust-generating operation, including during weekends, after work hours, and on holidays.
- b. For the purpose of Rule 310, any control measure that is implemented must achieve the applicable standard(s) described in Rule 310, as determined by the corresponding test method(s), as applicable, and must achieve other applicable standard(s) set forth in Rule 310.
- c. Regardless of whether a dust-generating operation is in compliance with an approved Dust Control Plan or there is no approved Dust Control Plan, the owner and/or operator of a dust-generating operation shall be subject to all requirements of Rule 310 at all times.
- d. Failure to comply with the provisions of these requirements, as applicable, and/or of an approved Dust Control Plan, shall constitute a violation.

[Rule 310 §§ 102; 301]

28. Exemptions:

The provisions of this Permit Section shall not apply to the following activities:

- a. Emergency activities that may disturb the soil conducted by any utility or government agency in order to prevent public injury or to restore critical utilities to functional status.
- b. Establishing of initial landscapes without the use of mechanized equipment or conducting landscape maintenance without the use of mechanized equipment. However, establishing initial landscapes without

the use of mechanized equipment and conducting landscape maintenance without the use of mechanized equipment shall not include grading or trenching performed to establish initial landscapes or to redesign existing landscapes.

[Rule 310 §103]

29. Dust Control Plan Requirement:

- a. The owner and/or operator of a dust-generating operation shall submit to the Control Officer a Dust Control Plan with any permit applications that involve dust-generating operations with a disturbed surface area that equals or exceeds 0.10 acre (4,356 square feet) before commencing any routine dust-generating operation. The Dust Control Plan shall be kept available onsite at all times.
- b. The Permittee shall comply with the requirements of the Dust Control Plan and the provisions of MCAQD Rule 310 Sections 301 – 310 at all times.

[Rule 310 §§ 301-310; 402; 409]

30. Visible Emission Requirements for Dust-Generating Operations:

- a. The Permittee shall not cause or allow visible fugitive dust emissions to exceed 20% opacity.
- b. The Permittee shall not cause or allow visible emissions of particulate matter, including fugitive dust, beyond the property line within which the emissions are generated. Visible emissions shall be determined by a standard of no visible emissions exceeding 30 seconds in duration in any six-minute period as determined by using EPA Reference Method 22. This requirement does not apply to dust-generating operations conducted within 25 feet of the property line.

[Rule 310 §303.1]

31. Exemptions from Dust-Generating Operation Opacity Limitation Requirement:

- a. If wind conditions cause fugitive dust emissions to exceed the opacity requirements in this permit, despite implementation of the Dust Control Plan, an owner and/or operator shall:
 - i. Ensure that all control measures and requirements of the Dust Control Plan are implemented and the subject violations cannot be prevented by better application, operation, or maintenance of these measures and requirements.
 - ii. Cease dust-generating operations and stabilize any disturbed surface area consistent with the Stabilization Requirements of this Permit Section.
 - iii. Compile records consistent with the Record keeping requirements in this Permit Section and document the control measure and other Dust Control Plan requirements implemented.
- b. Emergency Maintenance of Flood Control Channels and Water Retention Basins: The opacity limit shall not apply to emergency maintenance of flood control channels and water retention basins, provided that control measures are implemented.

[Rule 310 §303.2]

32. Stabilization Requirements for Dust-Generating Operations:

- a. Unpaved Parking Lot: The owner and/or operator of any unpaved parking lot shall not allow visible fugitive dust emissions to exceed 20% opacity and shall not allow silt loading equal to or greater than 0.33 oz/ft². However, if silt loading is equal to or greater than 0.33 oz/ft², then the owner and/or operator shall not allow the silt content to exceed 8%.

[Rule 310 §§ 232, 304.1]

- b. Disturbed Surface Area: The owner and/or operator of any disturbed surface area on which no activity is occurring shall meet at least one of the standards described in MCAQD Rule 310 Section 304.

[Rule 310 §304]

33. Control Measures for Dust-Generating Operations:

For dust-generating operations with a disturbed surface area less than 0.10 acre (4,356 square feet), the owner and/or operator shall install, maintain, and use control measures, as applicable. Control measures for specific

dust-generating operations are described in MCAQD Rule 310 Section 305. The owner and/or operator of a dust-generating operation shall implement control measures before, after, and while conducting dust-generating operations, including during weekends, after work hours, and on holidays.

[Rule 310 §305]

34. Trackout, Carry-Out, Spillage, and/or Erosion:

The owner and/or operator of a dust-generating operation shall prevent and control trackout, carry-out, spillage, and/or erosion in accordance with MCAQD Rule 310 Section 306

[Rule 310 §306.2]

35. Dust Control Plan Revisions:

For dust-generating operations with a disturbed surface area equal to or greater than 0.10 acre (4,356 square feet):

- a. If the Control Officer determines that an approved Dust Control Plan has been followed, yet fugitive dust emissions from any dust-generating operation still exceed the standards of this Permit, then the Control Officer shall issue a written notice to the owner and/or operator of the dust-generating operation explaining such determination.
- b. The owner and/or operator of a dust-generating operation shall make written revisions to the Dust Control Plan and shall submit such revised Dust Control Plan to the Control Officer within three working days of receipt of the Control Officer's written notice, unless such time period is extended by the Control Officer, upon request, for good cause. During the time that such owner and/or operator is preparing revisions to the approved Dust Control Plan, such owner and/or operator must still comply with all requirements of this Permit.

[Rule 310 §403.1]

- c. The Permittee shall request a Dust Control Plan revision with a submittal in the manner and form prescribed by the Control Officer if:
 - i. The acreage of a project changes;
 - ii. The permit holder changes;
 - iii. The name(s), address(es), or phone numbers of person(s) responsible for the submittal and implementation of the Dust Control Plan and responsible for the dust-generating operation change; and
 - iv. If the activities related to the purposes for which the Dust Control permit was obtained change.

[Rule 310 §403.2]

36. Record Keeping:

The Permittee shall maintain the following records for a period of at least five years from the date such records are established and make them available to the Control Officer upon request:

- a. For dust-generating operations with a disturbed surface area equal to or greater than 0.10 acre (4,356 square feet), the Permittee shall keep a written record of self-inspection on each day dust-generating operations are conducted. Self-inspection records shall include daily inspections for crusted or damp soil, trackout conditions and clean-up measures, daily water usage, and dust suppressant application. Such written record shall also include the following information:
 - i. Method, frequency, and intensity of application or implementation of the control measures;
 - ii. Method, frequency, and amount of water application to the site;
 - iii. Street sweeping frequency;
 - iv. Types of surface treatments applied to and maintenance of trackout control devices, gravel pads, fences, wind barriers, and tarps;
 - v. Types and results of test methods conducted;
 - vi. If contingency control measures are implemented, actual application or implementation of

contingency control measures and why contingency control measures were implemented;

- vii. List of subcontractors' names and registration numbers updated when changes are made; and
- viii. Names of employee(s) who successfully completed dust control training class(es), date of the class(es) that such employee(s) successfully completed, and name of the agency/representative who conducted such class(es).

[Rule 310 §502.1]

- b. For dust-generating operations with a disturbed surface area less than 0.10 acre (4,356 square feet), the Permittee shall compile and retain records (including records on any street sweeping, water applications, and maintenance of trackout control devices, gravel pads, fences, wind barriers, and tarps) that provide evidence of control measure application, by indicating the type of treatment or control measure, extent of coverage, and date applied.

[Rule 310 §502.2]

- c. Upon verbal or written request by the Control Officer, the log or the records and supporting documentation shall be provided as soon as possible but no later than 48 hours, excluding weekends. If the Control Officer is at the site where requested records are kept, records shall be provided without delay.

[Rule 310 §502.3]

37. Records Retention:

- a. For dust-generating operations with a disturbed surface area equal to or greater than 0.10 acre (4,356 square feet), the Permittee shall retain copies of approved Dust Control Plans, control measures implementation records, and all supporting documentation for at least six months following the termination of the dust-generating operation and for at least two years from the date such records were initiated.

[Rule 310 §503]

- b. For dust-generating operations with a disturbed surface less than 0.10 acre (4,356 square feet), the Permittee shall retain records required by this rule for at least five years from the date such records are established.

[Rule 100 §504]

GENERAL CONDITIONS

38. Coverage under the General Permit:

Any facility operating a Wood Furniture, Fixture and/or Millwork facility shall be eligible for coverage under this General Permit if the facility meets the requirements specified in the Specific Conditions Section of this Permit and completes the Application for the Authority to Operate and/or Construct a Wood Furniture, Fixture and/or Millwork Facility Under the General Permit. However, if the facility does not meet the provisions of the Specific Conditions Section, the operation will be considered ineligible for coverage and the applicant may be required by the Control Officer to obtain an individual source permit.

[Rule 230 §303]

39. Revocation of the Authority to Operate under this General Permit:

If the Permittee is notified by the Control Officer of the revocation of the Authority to Operate under this General Permit because of expiration, termination, or cancellation, the Permittee must file an application for an individual source permit. The application for an individual source permit must be filed within 180 days of receiving the notice from the Control Officer. The Permittee may continue to operate under this General Permit until the earlier of either:

- a. The date that it submits a complete application for an individual source permit, or
- b. The date 180 days after receipt of the notice of expiration, termination, or cancellation.

[Rule 230 §311]

40. Posting of Permit:

This Permit shall be posted in a clearly visible and accessible location on the site where the equipment is

installed.

[Rule 200 §312]

41. Compliance:

- a. The issuance of any Permit or Permit revision shall not relieve the Permittee from compliance with any Federal laws, Arizona laws, or the County or SIP Rules, nor does any other law, regulation or permit relieve the Permittee from obtaining a Permit or Permit revision required under the County Rules.
[Rule 200 §§309, 310.3][Rule 220 §406.3]
- b. The Permittee shall comply with all conditions of this Permit including all applicable requirements of Federal laws, Arizona laws, and Maricopa County Air Pollution Control Rules and Regulations now in effect and as amended in the future. Any Permit noncompliance is grounds for enforcement action, Permit termination or revocation, or for denial of a renewal application. In addition, non-compliance with any federally enforceable requirements constitutes a violation of the Clean Air Act.
[Rule 200 §310.4][Rule 220 §302.24][A.A.C. R18-2-306.A.8.a]
- c. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with these Permit Conditions.
[Rule 220 §302.10][A.A.C. R18-2-306.A.8.b]
- d. Rights and Privileges: This Permit does not convey any property rights or exclusive privilege of any sort.
[Rule 220 §302.12]
- e. Fees: The Permittee shall pay all fees to the Control Officer in accordance with Rule 280. No permit or permit revision is valid until the applicable permit fee has been received and until the permit is issued by the Control Officer.

[Rule 200 §409][Rule 280 §302][A.R.S. 49-480(D)]

42. Malfunctions, Emergency Upsets, and Excess Emissions:

An affirmative defense of an emergency, excess emission, and/or during startup and shutdown shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence as outlined in Rule 130 for emergencies and Rule 140 for excess emissions.

[Rule 130 §§201, 400][Rule 140 §§400, 500]

43. Revision / Reopening / Revocation:

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 noncompliance does not stay any Permit Condition.

[Rule 220 §302.11]

44. Records:

- a. The Permittee shall furnish information that the Control Officer may request in writing to determine whether cause exists for revising, revoking and reissuing this permit, or terminating this permit, or to determine compliance with this permit. The information shall be provided in a timeframe specified by the Control Officer. Upon request, the Permittee shall also furnish to the Control Officer copies of records required to be kept by this 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.

[Rule 100 §106][Rule 220 §302.13]

- b. If the Permittee fails to submit any relevant facts or has submitted incorrect information in a permit application, the Permittee shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information. In addition, the Permittee shall provide additional information as necessary to address any requirements that become applicable to the source after the date a complete application is filed but prior to release of a proposed permit. Willful misrepresentation of facts in a permit application is cause for revocation or denial of a permit.

[Rule 220 §§301.5, 301.6]

45. Certification of Truth, Accuracy, and Completeness:

Any document that is required to be submitted by this General Permit, including reports, shall contain a certification by the facility owner, or other responsible official as defined in County Rule 100 § 200.110, of truth, accuracy, and completeness. This certification and any other certification required under this permit shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

[Rule 100 §401][Rule 220 §302.14]

46. Facility Change Reporting:

- a. The Permittee shall provide written notification to the Control Officer at least 30 days before the installation of a new emissions unit, installation a replacement emissions unit or adding or replacing an ECS. The written notification shall include the following:
 - i. When the proposed change will occur;
 - ii. A description of the change; and
 - iii. Any change in emissions of regulated air pollutants.
- b. The Permittee shall keep a record of any physical change or change in the method of operation that could affect emissions. The record shall include a description of the change and date the change occurred.

[Rule 230 §312]

47. Right to Entry:

- a. The Control Officer during reasonable hours, for the purpose of enforcing and administering County or SIP Rules or the Clean Air Act, or any provision of the Arizona Revised Statutes 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. Every person is guilty of a petty offense under A.R.S. 49-488 who in any way denies, obstructs or hampers such entrance or inspection that is lawfully authorized by warrant.
- b. The Permittee shall allow the Control Officer or his designated representatives, upon presentation of proper credentials (e.g., Maricopa County Air Quality Department identification) and other documents as may be required by law, to:
 - i. 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 pursuant to the conditions of the permit;
 - ii. Have access to and copy, at reasonable times, any records that are required to be kept pursuant to the conditions of the permit;
 - iii. Inspect, at reasonable times, any sources, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required pursuant to this permit;
 - iv. Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the Permit or other applicable requirements; and
 - v. Record any inspection by use of written, electronic, magnetic, and photographic media.

[Rule 100 §105][Rule 220 §302.17-21]

48. Severability:

The rules, paragraphs, clauses, provisions, and/or sections of this Permit are severable, and, if any rule, paragraph, clause, provision, and/or section of this Permit is held invalid, the remainder of this Permit shall not be affected thereby.

[Rule 220 §302.9]