

YOLO-SOLANO AIR QUALITY MANAGEMENT DISTRICT

RULE 1.1 - GENERAL PROVISIONS AND DEFINITIONS

(Revised August 13, 1997)

INDEX

100 GENERAL

- 101 TITLE
- 102 DEFINITIONS REFERENCED
- 103 CONFIDENTIAL INFORMATION
- 104 ENFORCEMENT
- 105 VALIDITY
- 106 EFFECTIVE DATE
- 107 ARREST, NOTICE TO APPEAR

200 DEFINITIONS

- 201 AGRICULTURAL BURNING
- 202 AIR CONTAMINANT
- 203 ATMOSPHERE
- 204 BOARD
- 205 BRUSH TREATED
- 206 CLERK OF THE HEARING BOARD
- 207 COMBUSTIBLE REFUSE
- 208 COMBUSTION CONTAMINANTS
- 209 CONDENSED FUMES
- 210 CONTROL OFFICER
- 211 DESIGNATED AGENCY
- 212 DISTRICT
- 213 DUSTS
- 214 EXEMPT COMPOUNDS
- 215 HEARING BOARD
- 216 IMPLEMENT OF HUSBANDRY
- 217 MULTIPLE-CHAMBER INCINERATOR
- 218 NO-BURN DAY
- 219 NONREACTIVE ORGANIC COMPOUND (NON-ROC)
- 220 OPEN BURNING FOR AGRICULTURAL OPERATIONS IN THE GROWING OF CROPS OR RAISING OF FOWL OR ANIMALS
- 221 OPEN BURNING FOR RANGE IMPROVEMENT
- 222 OPEN OUTDOOR FIRE
- 223 ORCHARD OR CITRUS GROVE HEATER
- 224 PARTICULATE MATTER
- 225 PERSON

226 PROCESS WEIGHT PER HOUR
227 REGULATION
228 RULE
229 SECTION
230 SOLANO COUNTY ZONE
231 STANDARD CONDITIONS
232 VOLATILE ORGANIC COMPOUND (VOC)
233 WILDLAND VEGETATION MANAGEMENT BURNING
234 YOLO COUNTY ZONE

300 STANDARDS (NOT INCLUDED)

400 ADMINISTRATIVE REQUIREMENTS

401 ADMINISTRATIVE SETTLEMENT PROCEDURE FOR CIVIL PENALTIES

500 MONITORING AND RECORDS (NOT INCLUDED)

100 GENERAL

101 TITLE: These rules and regulations shall be known as the Rules and Regulations of the Yolo-Solano Air Quality Management District.

102 DEFINITIONS REFERENCED: Except as otherwise specifically provided in these rules and, except where the context otherwise indicates, words used in these rules are used in exactly the same sense as the same words are used in Chapter 2, Part 1, Division 26 of the Health and Safety Code.

103 CONFIDENTIAL INFORMATION:

103.1 All information, analyses, plans or specifications that disclose the nature, extent, quantity or degree of air contaminants which any article, machine, equipment or other contrivance will produce, which the Air Quality Management District requires any applicant to provide before such applicant builds, erects, alters, replaces, operates or uses such article, machine, equipment or other contrivance, are public records.

103.2 All air monitoring data, including data compiled from stationary sources, are public records.

103.3 Except as otherwise provided in Section 103.4 of this rule, trade secrets are not public records under this rule. "Trade secrets", as used in this rule, may include, but are not limited to any formula, plan, pattern, process, tool, mechanism, compound, procedure,

production data, or compilation of information which is not patented, which is known only to certain individuals within a commercial concern who are using it to fabricate, produce, or compound an article of trade or a service having commercial value and which gives its user an opportunity to obtain a business advantage over competitors who do not know or use it.

103.4 Notwithstanding any other provision of law, all air pollution emission data, including those emission data which constitute trade secrets as defined in Section 103.3 of this rule, are public records. Data used to calculate emission data are not emission data for the purposes of this rule and data which constitute trade secrets and which are used to calculate emission data are not public records.

104 ENFORCEMENT: These Rules and Regulations shall be enforced by the Air Pollution Control Officer under authority of Health and Safety Code Division 26, Part 4, and by all officers empowered by Section 40157.

105 VALIDITY: If any regulation, rule, subdivision, sentence, clause, or phrase of these Rules and Regulations is for any reason held to be unconstitutional or invalid, such decision shall not affect the validity of the remaining portions of these Rules and Regulations. The Air Quality Management Board hereby declares that it would have adopted these Rules and Regulations and every regulation, rule, subdivision, sentence, clause, and phrase thereof irrespective of the fact that any one or more regulations, rules, subdivisions, sentences, clauses, or phrases be declared unconstitutional or invalid.

106 EFFECTIVE DATE: These Rules and Regulations shall take effect on October 1, 1971.

107 ARREST, NOTICE TO APPEAR: The Air Pollution Control Officer is hereby authorized pursuant to Penal Code Section 836.5 to arrest a person without a warrant whenever he has reasonable cause to believe that the person to be arrested has committed a misdemeanor in his presence which is a violation of these Rules and Regulations.

200 DEFINITIONS

201 AGRICULTURAL BURNING: Open outdoor fires used in the growing of crops; or raising of fowl or animals or for range improvement; or used in improvement of land for wildlife and game habitat; or for wildland vegetation management burning. "Agricultural Burning" also means open outdoor fires used in the operation or maintenance of a system for the delivery of water for these purposes.

202 AIR CONTAMINANT: Smoke, charred paper, dust, soot, grime, carbon, noxious acids, fumes, gases, odors, or particulate matter or any combination thereof.

203 ATMOSPHERE: For the purposes of these regulations means the air of the Yolo-Solano Air Quality Management District and includes the ambient air of any emission source. It does not include the air within any closed structural building or framework.

204 BOARD: The Air Quality Management Board of the Yolo-Solano Air Quality Management

District.

205 BRUSH TREATED: The material to be burned has been felled, crushed, or uprooted with mechanical equipment, or has been desiccated with herbicides.

206 CLERK OF THE HEARING BOARD: The County Clerk of the County of Yolo, who is ex officio Clerk of the Hearing Board.

207 COMBUSTIBLE REFUSE: Any solid or liquid combustible waste material containing carbon in a free or combined state.

208 COMBUSTION CONTAMINANTS: Those air contaminants discharged into the atmosphere from the burning, including incineration, of any kind of material.

209 CONDENSED FUMES: Minute, solid particles generated by the condensation of vapors from solid matter after volatilization from the molten state, or may be generated by sublimation, distillation, calcination, or chemical reaction when these processes create airborne particles.

210 CONTROL OFFICER: The Air Pollution Control Officer of the Yolo-Solano Air Quality Management District.

211 DESIGNATED AGENCY: Any agency designated by the California Air Resources Board as having authority to issue agricultural burning permits. The U. S. Forest Service and the California Division of Forestry are so designated within their areas of jurisdiction.

212 DISTRICT: The Yolo-Solano Air Quality Management District.

213 DUSTS: Minute, solid particles released into the air by natural forces or by mechanical processes such as crushing, grinding, milling, drilling, demolishing, shoveling, conveying, covering, bagging, sweeping, or other similar processes.

214 EXEMPT COMPOUNDS: The following compounds are exempt from the definition of Volatile Organic Compounds (VOC) in Section 232:

- 214.1 Carbon monoxide;
- 214.2 Carbon dioxide;
- 214.3 Carbonic acid;
- 214.4 Metallic carbides or carbonates;
- 214.5 Ammonium carbonate;
- 214.6 Methane;
- 214.7 Methylene chloride (dichloromethane);
- 214.8 1,1,1-trichloroethane (methyl chloroform);
- 214.9 Trichlorofluoromethane (CFC-11);
- 214.10 Dichlorodifluoromethane (CFC-12);
- 214.11 1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113);
- 214.12 1,2-dichloro-1,1,2,2-tetrafluoroethane (CFC-114);

- 214.13 Chloropentafluoroethane (CFC-115);
- 214.14 Chlorodifluoromethane (HCFC-22);
- 214.15 1,1,1-trifluoro-2,2-dichloroethane (HCFC-123);
- 214.16 1,1-dichloro-1-fluoroethane (HCFC-141b);
- 214.17 1-chloro-1,1-difluoroethane (HCFC-142b);
- 214.18 2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124);
- 214.19 Trifluoromethane (HFC-23);
- 214.20 1,1,2,2-tetrafluoroethane (HFC-134);
- 214.21 1,1,1,2-tetrafluoroethane (HFC-134a);
- 214.22 Pentafluoroethane (HFC-125);
- 214.23 1,1,1-trifluoroethane (HFC-143a);
- 214.24 1,1-difluoroethane (HFC-152a);
- 214.25 Cyclic, branched, or linear completely methylated siloxanes;
- 214.26 The following four classes of perfluorocarbon compounds:
- a. Cyclic, branched, or linear, completely fluorinated alkanes;
 - b. Cyclic, branched, or linear, completely fluorinated ethers with no unsaturations;
 - c. Cyclic, branched, or linear, completely fluorinated tertiary amines with no unsaturations;
 - d. Sulfur-containing perfluorocarbons with no unsaturations and with the sulfur bonds to carbon and fluorine.
- 214.27 acetone;
- 214.28 ethane;
- 214.29 parachlorobenzotrifluoride (1-chloro-4-trifluoromethyl benzene); and
- 214.30 perchloroethylene.
- Volatile organic compounds may also be referred to as reactive organic compounds (ROC).

215 HEARING BOARD: The Hearing Board of the Yolo-Solano Air Quality Management District.

216 IMPLEMENT OF HUSBANDRY: A vehicle which is used exclusively in the conduct of agricultural operations.

217 MULTIPLE-CHAMBER INCINERATOR: Any article, machine, equipment, contrivance, structure, or any part of a structure used to dispose of combustible refuse by burning, consisting of three or more refractory-lined combustion furnaces in series, physically separated by refractory walls, interconnected by gas passage ports or ducts, and employing adequate design parameters necessary for maximum combustion of the material to be burned. The refractories shall have a Pyrometric Cone equivalent of at least 17, tested according to the method described in the American Society for Testing Materials, Method C-24.

218 NO-BURN DAY: Any day on which the California Air Resources Board or the Yolo-Solano Air Quality Management District prohibits agricultural burning.

219 NONREACTIVE ORGANIC COMPOUNDS (NON-ROC): Nonreactive organic compounds as distinguished from reactive compounds are compounds approved by EPA to have emissions insignificant as precursors in photochemical generation of oxidant/ozone. Nonreactive organic compounds might be direct health hazards. However, unless otherwise and specifically noted, restrictions on organic compound emissions for the purpose of abating oxidant/ozone concentrations do not include nonreactive organic compounds.

220 OPEN BURNING FOR AGRICULTURAL OPERATIONS IN THE GROWING OF CROPS OR RAISING OF FOWL OR ANIMALS;

220.1 The burning in the open of materials produced wholly from operations in the growing and harvesting of crops or raising of fowls or animals for the primary purpose of making a profit, of providing a livelihood, or of conducting agricultural research or instruction by an educational institution, and,

220.2 In connection with the operations qualifying under Subdivision 1:

- a. The burning of grass and weeds in or adjacent to fields in cultivation or being prepared for cultivation and;
- b. The burning of material not produced wholly from such operations, but which are intimately related to the growing or harvesting of crops and which are used in the field, except as prohibited by District regulations.

221 OPEN BURNING FOR RANGE IMPROVEMENT: The use of open fires to remove vegetation for a wildlife, game or livestock habitat or for the initial establishment of an agricultural practice on previously uncultivated land.

222 OPEN OUTDOOR FIRE: The combustion of any combustible refuse or other material of any type outdoors in the open air not in any enclosure, where the products of combustion are not directed through a flue.

223 ORCHARD OR CITRUS GROVE HEATER. *"Orchard or Citrus Grove Heater"* means any article, machine, equipment or other contrivance, burning any type of fuel or material capable of emitting air contaminants, used or capable of being used for the purpose of giving protection from frost damage.

224 PARTICULATE MATTER: Any material, except uncombined water, which exists in a finely divided form as a liquid or solid at standard conditions.

225 PERSON:

225.1 Any person, firm, association, organization, partnership, business trust, corporation, company, contractor, supplier, installer, user or owner or any state or local government agency, or public district, or any officer or employee thereof, and;

225.2 The United States or its agencies, to the extent authorized by federal law.

226 PROCESS WEIGHT PER HOUR: The total weight of all materials introduced into any specific process which process may cause any discharge into the atmosphere. Solid Fuels charged will be considered as part of the process weight, but liquid and gaseous fuels and combustion air will not. The "Process Weight Per Hour" will be derived by dividing the total process weight by the number of hours in one complete cycle from the beginning of any given process to the completion thereof, excluding any time during which the equipment is idle.

227 REGULATION: One of the major subdivisions of the rules of the Yolo-Solano Air Quality Management District.

228 RULE: A rule of the Yolo-Solano Air Quality Management District.

229 SECTION: A section of the Health and Safety Code of the State of California unless some other statute is specifically mentioned.

230 SOLANO COUNTY ZONE: That portion of the District lying within the boundaries of Solano County.

231 STANDARD CONDITIONS: As used in these regulations, a gas temperature of 60 degrees Fahrenheit and a gas pressure of 14.7 pounds per square inch absolute. Result of all analyses and tests shall be calculated or reported at this gas temperature and pressure. Where the use of U.S. EPA Test Methods are required in these Rules and Regulations, then Standard Conditions are those specified in that Test Method.

232 VOLATILE ORGANIC COMPOUND (VOC): Any compound containing carbon except exempt compounds as defined in Section 214.

233 WILDLAND VEGETATION MANAGEMENT BURNING: The use of prescribed burning conducted by a public agency to burn land predominantly covered with chaparral, trees, grass, or standing brush.

234 YOLO COUNTY ZONE: That portion of the District lying within the boundaries of Yolo County.

400 ADMINISTRATIVE REQUIREMENTS

401 ADMINISTRATIVE SETTLEMENT PROCEDURE FOR CIVIL PENALTIES:

401.1 Civil penalties shall be assessed according to Health and Safety Code, Division 26, Part 4, Chapter 4, Article 3, beginning with Section 42400.

401.2 The Air Pollution Control Officer after consultation with District Counsel shall give notice to a person who is charged with committing a violation of an applicable State law or District Rules and Regulations that an administrative settlement is being sought.

401.3 The Air Pollution Control Officer with advice of District Counsel is

authorized as the District's agent to settle any administrative penalty claim for the District under this rule.