

PLACER COUNTY AIR POLLUTION CONTROL DISTRICT

RULE 102
DEFINITIONS

Adopted 11-12-74

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300 STANDARDS
(NOT INCLUDED)

400 ADMINISTRATIVE REQUIREMENTS
(NOT INCLUDED)

500 MONITORING AND RECORDS
(NOT INCLUDED)

100 GENERAL

101 PURPOSE: To provide definitions of specific terms used in the Placer County Air Pollution Control District Rules and Regulations.

200 DEFINITIONS

PROVISO: 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 the Health and Safety Code of the State of California.

201 AGRICULTURAL BURNING: Open outdoor fires used in agricultural operations in the growing of crops or raising of fowl or animals or open outdoor fires used in forest management, range improvement, or the improvement of land for wildlife and game habitat or disease or pest prevention or the use of open outdoor fires used in the operation or the maintenance of a system for the delivery of water.

- 202 AGRICULTURAL OPERATION:** The growing and harvesting of crops, raising of fowl or animals for the primary purpose of making a profit or providing a livelihood, or the conducting of agricultural research or instruction by an educational institution.
- 203 AGRICULTURAL WASTES:** The unwanted or unsellable materials produced wholly from agricultural operations and materials not produced from agricultural operations, but which are intimately related to the growing or harvesting of crops.
- 204 AIR CONTAMINANT:** Any discharge, release or other propagation directly into the atmosphere. It includes, but is not limited to, smoke, dust, charred paper, soot, grime, carbon, noxious acids, fumes, gases, odors, particulate matter, or any combination thereof.
- 205 AIR POLLUTION CONTROL OFFICER:** The Air Pollution Control Officer of the Placer County Air Pollution Control District, or designee.
- 206 ALTERATION:** Any addition to, enlargement of, replacement of, or any major modification or change of the design, capacity, process, or arrangement, or any increase in the connected loading of equipment or control apparatus, which will significantly increase or affect the kind and/or amount of air contaminants emitted.
- 207 APPROVED IGNITION DEVICES:** Those instruments or materials that will ignite open fires without the production of black smoke by the ignition device. This would include such items as liquid petroleum gas, butane, propane, or diesel oil burners, flares, or other similar material as approved by the Air Pollution Control Officer. This does not include tires, tar, tar paper, oil and other similar materials.
- 208 ARB:** The California State Air Resources Board, or any person authorized to act on its behalf.
- 209 BOARD:** The Board of Directors of the Placer County Air Pollution Control District.
- 210 BRUSH TREATED:** Material which has been felled, crushed or up-rooted with mechanical equipment, or which has been desiccated with herbicides.
- 211 BULK PLANT:** A distribution plant which receives organic liquids; stores them in stationary tanks; and loads them into tank trucks for delivery to other bulk plants, service stations or storage tanks.
- 212 CITRUS HEATER:** 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.
- 213 COMBUSTIBLE WASTE:** Any garbage, rubbish, trash, rags, paper, boxes, crates, excelsior, ashes, offal, carcass of a dead animal, petroleum product waste or any other combustible or flammable refuse material.
- 214 COMBUSTION CONTAMINANT:** Any particulate matter discharged into the atmosphere from the burning of any material which contains carbon in either the free or the combined state.
- 215 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.
- 216 CONSTRUCTION-DEMOLITION DEBRIS:** Any material associated with the construction or demolition of any building, dwelling, or other man-made structures, including but not limited to lumber, tar paper, roofing material, wiring, flooring material, insulation, and plywood.
- 217 DESIGNATED AGENCY:** Any agency designated by the ARB and Placer County Air Pollution Control District as having authority to issue Agricultural Burn Permits.

218 DISTRICT: The Placer County Air Pollution Control District.

219 DUST: The 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 process.

220 EMISSION: The act of releasing or discharging air contaminants into the atmosphere from any source.

221 EMISSION POINT: The place, located in a horizontal plane and vertical elevation, at which an emission enters the atmosphere.

222 EXEMPT COMPOUNDS: Organic compounds which are exempt from the definition of Volatile Organic Compounds (VOC). Notwithstanding definitions of Exempt Compounds that may be included in specific rules in Regulation II, the following compounds are exempt:

- 222.1 carbon monoxide
- 222.2 carbon dioxide
- 222.3 carbonic acid
- 222.4 metallic carbides or carbonates
- 222.5 ammonium carbonate
- 222.6 methane
- 222.7 methylene chloride (dichloromethane)
- 222.8 perchloroethylene (tetrachloroethylene)
- 222.9 1,1,1-trichloroethane (methyl chloroform)
- 222.10 trichlorofluoromethane (CFC-11)
- 222.11 dichlorodifluoromethane (CFC-12)
- 222.12 1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113)
- 222.13 1,2-dichloro-1,1,2,2-tetrafluoroethane (CFC-114)
- 222.14 chloropentafluoroethane (CFC-115)
- 222.15 chlorodifluoromethane (HCFC-22)
- 222.16 1,1,1-trifluoro-2,2-dichloroethane (HCFC-123)
- 222.17 1,1-dichloro-1-fluoroethane (HCFC-141b)
- 222.18 1-chloro-1,1-difluoroethane (HCFC-142b)
- 222.19 2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124)
- 222.20 trifluoromethane (HFC-23)
- 222.21 1,1,2,2-tetrafluoroethane (HFC-134)
- 222.22 1,1,1,2-tetrafluoroethane (HFC-134a)
- 222.23 pentafluoroethane (HFC-125)
- 222.24 1,1,1-trifluoroethane (HFC-143a)
- 222.25 1,1-difluoroethane (HFC-152a)
- 222.26 cyclic, branched, or linear, completely methylated siloxanes
- 222.27 The following classes of perfluorocarbons:

- 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.*

The following low-reactive organic compounds which have been exempted by the U. S. EPA:

222.28

- a. *acetone*
- b. *ethane*
- c. *parachlorobenzotrifluoride*

- 223 FLAMMABLE WASTE:** Any garbage, rubbish, trash, rags, paper, boxes, crates, excelsior, ashes, offal, carcass of a dead animal, petroleum product waste or any other combustible or flammable refuse material.
- 224 FLUE:** Any duct or passage for air or other gases, including but not limited to a stack or a chimney.
- 225 FOREST MANAGEMENT BURNING:** The use of open fires, as part of a forest management practice, to remove forest debris. Forest management practices include timber operations, silvicultural practices and forest production practices.
- 226 FOSSIL FUEL:** Natural gas, petroleum, coal and any form of solid, liquid, or gaseous fuel derived from such materials.
- 227 FOSSIL FUEL-FIRED STEAM GENERATOR:** A furnace or boiler used in the process of burning fossil fuel for the primary purpose of producing steam by heat transfer.
- 228 HEARING BOARD:** The Hearing Board of the Air Pollution Control District of Placer County.
- 229 HYDROCARBON:** Any compound of carbon containing hydrogen.
- 230 INCINERATION:** An operation in which combustion is carried on for the principal purpose, or with the principal result of oxidizing a waste material to reduce its bulk or facilitate its disposal.
- 231 INCINERATOR:** Any furnace or other closed fire chamber used to dispose of combustible waste by burning, and from which the products of combustion are directed through a flue or chimney.
- 232 INSTALLATION:** The placement, assemblage, or construction of equipment or control apparatus at the premises where the equipment or control apparatus will be used, including all preparatory work at such premises.
- 233 LAKE TAHOE AIR BASIN:** That area as defined by Section 60113, Title 17, California Administrative Code.
- 234 NO-BURN DAY:** Any day on which agricultural burning is prohibited by the ARB.
- 235 OPEN OUTDOOR FIRE:** Combustion of any combustible material of any type, outdoors in the open air, where the products of combustion are not directed through a flue.
- 236 OPERATOR:** Person who owns, operates, controls or supervises an affected facility, or a stationary source of which an affected facility is a part.
- 237 ORCHARD HEATER:** 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.
- 238 OWNER:** Person who owns, operates, controls or supervises an affected facility, or a stationary source of which an affected facility is a part.
- 239 PARTICULATE MATTER:** Any material except uncombined water, which can exist in a finely divided form as a liquid or solid at standard conditions.
- 240 PERMISSIVE BURN DAY:** Any day on which agricultural burning is not prohibited by the ARB.
- 241 PERSON:** Any person, firm, association, organization, partnership, business trust, corporation, company, contractor, supplier, installer, operator, user, owner, any government agency, public district or any officer or employee thereof.

242 POLLUTANT: Any discharge, release or other propagation directly into the atmosphere. It includes, but is not limited to, smoke, dust, charred paper, soot, grime, carbon, noxious acids, fumes, gases, odors, particulate matter, or any combination thereof.

243 PROCESS WEIGHT PER HOUR: The total weight, including contained moisture, 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 introduced, by the number of hours in one complete operation, from the beginning of any given process to the completion thereof, excluding any time during which the equipment is idle.)

244 PUBLIC RECORD: Any record made available to the public by law, containing information relating to the conduct of the public's business that is prepared, owned, used or retained by the District, except trade secrets.

245 RANGE IMPROVEMENT BURNING: 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.

246 RECORD: Handwriting, typewriting, printing, photostating, photographing, and every other means of recording upon any form of communication or representation, including letters, words, pictures, sounds, or symbols, or any combination thereof, and all papers, maps, magnetic or paper tapes, photographed films and prints, magnetic or punched cards, magnetic disks, drums, and other documents.

247 RESIDENTIAL RUBBISH: Rubbish originating from a single or two family dwelling on its premises, limited to the following materials: wood, paper, cloth, cardboard, tree trimmings, leaves, lawn clippings and dry plants.

248 SECTION: A Section of the Health and Safety Code of the State of California, unless some other statute is specifically mentioned.

249 SILVICULTURAL PRACTICES: The establishment, development, care and reproduction of stands of timber.

250 SOLID PARTICULATE MATTER: Any material except uncombined water, which can exist in a finely divided form as a solid at standard conditions.

251 SOLID WASTE DUMP: Any accumulation for the purpose of disposal of any solid waste.

252 STANDARD CONDITIONS: A gas temperature of 60 degrees Fahrenheit and a gas pressure of 14.7 pounds per square inch absolute. Results of all analyses and tests shall be calculated and reported at this gas temperature and pressure.

253 STANDARD CUBIC FOOT OF GAS: The amount of gas that would occupy a volume of one (1) cubic foot, if free of water vapor, at standard conditions.

254 TIMBER OPERATIONS: Cutting or removal of timber or other forest vegetation.

255 VOLATILE ORGANIC COMPOUND (VOC): Any chemical compound containing at least one atom of carbon except for those listed as "Exempt Compounds"

256 WOOD-FIRED BOILER: Any boiler used for steam generation, from which the products of combustion are directed through a flue or chimney and which derives at least 80 percent of its fuel input heat content from wood, or wood-associated waste.