

## RULE 102 DEFINITIONS

Adopted 11-12-74

(Amended 5-24-77, 12-19-78, 6-19-79, 5-20-85, 2-04-92, 10-19-93, 8-08-96, 6-19-97, 10-12-00, 8-12-10)

### CONTENTS

#### 100 GENERAL

101 PURPOSE

#### 200 DEFINITIONS

201 AGRICULTURAL BURNING  
202 AGRICULTURAL OPERATION  
203 AGRICULTURAL WASTES  
204 AIR CONTAMINANT  
205 AIR POLLUTION CONTROL OFFICER  
206 ALTERATION  
207 APPROVED IGNITION DEVICES  
208 ARB  
209 BOARD  
210 BRUSH TREATED  
211 BULK PLANT  
212 CITRUS HEATER  
213 COMBUSTIBLE WASTE  
214 COMBUSTION CONTAMINANT  
215 CONDENSED FUMES  
216 CONSTRUCTION-DEMOLITION DEBRIS  
217 DAILY  
218 DESIGNATED AGENCY  
219 DISTRICT  
220 DUST  
221 EMISSION  
222 EMISSION POINT  
223 EXEMPT COMPOUNDS  
224 FLAMMABLE WASTE  
225 FLUE  
226 FOREST MANAGEMENT BURNING  
227 FOSSIL FUEL  
228 FOSSIL FUEL-FIRED STEAM GENERATOR  
229 HEARING BOARD  
230 HYDROCARBON  
231 INCINERATION  
232 INCINERATOR  
233 INSTALLATION  
234 LAKE TAHOE AIR BASIN  
235 NO-BURN DAY  
236 OPEN OUTDOOR FIRE  
237 OPERATOR  
238 ORCHARD HEATER  
239 OWNER  
240 PARTICULATE MATTER  
241 PERMISSIVE BURN DAY  
242 PERSON  
243 POLLUTANT  
244 PROCESS WEIGHT PER HOUR

245 PUBLIC RECORD  
246 QUARTERLY  
247 RANGE IMPROVEMENT BURNING  
248 RECORD  
249 RESIDENTIAL ALLOWABLE BURN MATERIALS  
250 SECTION  
251 SILVICULTURAL PRACTICES  
252 SOLID PARTICULATE MATTER  
253 STANDARD CONDITIONS  
254 STANDARD CUBIC FOOT OF GAS  
255 TIMBER OPERATIONS  
256 VOLATILE ORGANIC COMPOUND (VOC)  
257 WOOD-FIRED BOILER  
258 YEARLY

**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. Agricultural operations do not include activities involving the processing or distribution of crops or fowl.

**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 (APCO):** 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 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 DAILY:** A 24-hour period beginning at 12:00 AM local time.
- 218 DESIGNATED AGENCY:** Any agency designated by the ARB and Placer County Air Pollution Control District as having authority to issue Agricultural Burn Permits.
- 219 DISTRICT:** The Placer County Air Pollution Control District.
- 220 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.
- 221 EMISSION:** The act of releasing or discharging air contaminants into the atmosphere from any source.
- 222 EMISSION POINT:** The place, located in a horizontal plane and vertical elevation, at which an emission enters the atmosphere.
- 223 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:
- 223.1 carbon monoxide
  - 223.2 carbon dioxide
  - 223.3 carbonic acid
  - 223.4 metallic carbides or carbonates
  - 223.5 ammonium carbonate
  - 223.6 methane
  - 223.7 methylene chloride (dichloromethane)
  - 223.8 perchloroethylene (tetrachloroethylene)
  - 223.9 1,1,1-trichloroethane (methyl chloroform)
  - 223.10 trichlorofluoromethane (CFC-11)
  - 223.11 dichlorodifluoromethane (CFC-12)
  - 223.12 1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113)
  - 223.13 1,2-dichloro-1,1,2,2-tetrafluoroethane (CFC-114)
  - 223.14 chloropentafluoroethane (CFC-115)

- 223.15 chlorodifluoromethane (HCFC-22)
- 223.16 1,1,1-trifluoro-2,2-dichloroethane (HCFC-123)
- 223.17 1,1-dichloro-1-fluoroethane (HCFC-141b)
- 223.18 1-chloro-1,1-difluoroethane (HCFC-142b)
- 223.19 2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124)
- 223.20 trifluoromethane (HFC-23)
- 223.21 1,1,2,2-tetrafluoroethane (HFC-134)
- 223.22 1,1,1,2-tetrafluoroethane (HFC-134a)
- 223.23 pentafluoroethane (HFC-125)
- 223.24 1,1,1-trifluoroethane (HFC-143a)
- 223.25 1,1-difluoroethane (HFC-152a)
- 223.26 ethoxy-nonafluorobutane (HFE-7200), which consists of 2 compounds:
  - a. ethoxy-1,1,2,2,3,3,4,4,4-nonafluorobutane; and
  - b. (ethoxydifluoromethyl)-1,1,1,2,3,3,3-heptafluoropropane
- 223.27 cyclic, branched, or linear, completely methylated siloxanes
- 223.28 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.
- 223.29 The following low-reactive organic compounds which have been exempted by the U. S. EPA:
  - a. acetone
  - b. ethane
  - c. parachlorobenzotrifluoride
  - d. methyl acetate
  - e. propylene carbonate
  - f. dimethyl carbonate
- 223.30 The following compound(s) for purposes of all recordkeeping, emissions reporting, photochemical dispersion modeling and inventory requirements which apply to VOC and shall be uniquely identified in emission reports, but are not VOC for purposes of VOC emissions limitations or VOC content requirements:
  - a. tertiary butyl acetate

- 224 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.
- 225 FLUE:** Any duct or passage for air or other gases, including but not limited to a stack or a chimney.
- 226 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, silviculture practices and forest production practices.
- 227 FOSSIL FUEL:** Natural gas, petroleum, coal and any form of solid, liquid, or gaseous fuel derived from such materials.
- 228 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.
- 229 HEARING BOARD:** The Hearing Board of the Air Pollution Control District of Placer County.

- 230 HYDROCARBON:** Any compound of carbon containing hydrogen.
- 231 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.
- 232 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.
- 233 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.
- 234 LAKE TAHOE AIR BASIN:** That area as defined by Section 60113, Title 17, California Administrative Code.
- 235 NO-BURN DAY:** Any day on which agricultural burning is prohibited by the ARB.
- 236 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.
- 237 OPERATOR:** Person, who owns, operates, controls or supervises an affected facility, or a stationary source of which an affected facility is a part.
- 238 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.
- 239 OWNER:** Person who owns, operates, controls or supervises an affected facility, or a stationary source of which an affected facility is a part.
- 240 PARTICULATE MATTER:** Any material except uncombined water, which can exist in a finely divided form as a liquid or solid at standard conditions.
- 241 PERMISSIVE BURN DAY:** Any day on which agricultural burning is not prohibited by the ARB.
- 242 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.
- 243 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.
- 244 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.)
- 245 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 as provided for in Section 6254.7 of the California Government Code and relevant sections of the California Administrative Code.

- 246 QUARTERLY:** Calendar quarter beginning January 1, April 1, July 1, and October 1.
- 247 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.
- 248 RECORD:** Handwriting, typewriting, printing, photocopying, 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.
- 249 RESIDENTIAL ALLOWABLE BURN MATERIALS:** Materials originating from a single or two family dwelling on its premises, limited to the following items: dry tree trimmings, dry leaves and pine needles, dry plants and dry weeds.
- 250 SECTION:** A Section of the Health and Safety Code of the State of California, unless some other statute is specifically mentioned.
- 251 SILVICULTURAL PRACTICES:** The establishment, development, care and reproduction of stands of timber.
- 252 SOLID PARTICULATE MATTER:** Any material except uncombined water, which can exist in a finely divided form as a solid at standard conditions.
- 253 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.
- 254 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.
- 255 TIMBER OPERATIONS:** Cutting or removal of timber or other forest vegetation.
- 256 VOLATILE ORGANIC COMPOUND (VOC):** Any chemical compound containing at least one atom of carbon except for those listed as "Exempt Compounds"
- 257 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 APCO approved wood-associated waste.
- 258 YEARLY:** A calendar year beginning on January 1 at 12:00 AM.

This Page Intentionally Left Blank