

**REGULATION 4
AIR POLLUTION EPISODE PLAN**

INDEX

4-100 GENERAL

4-101 Description

4-300 STANDARDS

4-301 Preplanned Abatement Strategies

4-302 Air Pollution Health Advisory/Alert

4-303 Abatement Actions

4-304 Air Pollution Warning

4-305 Air Pollution Emergency

4-400 ADMINISTRATIVE REQUIREMENTS

4-401 Termination of Episode Stages

4-402 Communications

4-403 Deleted March 20, 1991

4-404 Deleted March 20, 1991

4-500 MONITORING AND RECORDS (Not Included)

4-600 MANUAL OF PROCEDURES (Not Included)

REGULATION 4 AIR POLLUTION EPISODE PLAN

4-100 GENERAL

4-101 Description: The Air Pollution Episode Plan is a system designed to reduce levels of air contaminants which may reach or have reached the level which may be harmful to health, and to protect that portion of the population at risk. This Regulation establishes control and advisory procedures when specified levels have been reached at each of three stages.

4-300 STANDARDS

4-301 Preplanned Abatement Strategies: Any person responsible for the emission of 90.6 metric tons (100 tons) per year or more of air contaminants for which a California or federal ambient air quality standard is established shall submit a Stationary Source Curtailment Plan and a Traffic Abatement Plan to the APCO for approval.

301.1 The plans shall be submitted to the APCO within 60 days of the effective date of the regulation. If disapproved by the APCO, the plan must be resubmitted within 30 days of notice of disapproval. Such plans shall include information on the nature and quantity of air contaminants being emitted and the method and amount of reduction which will be achieved during each stage of the Air Pollution Episode Plan described in Sections 4-302, 4-304 and 4-305, and such additional information as the APCO may require in accordance with State Air Resources Board Executive Order G-63 dated January 23, 1976.

4-302 Air Pollution Health Advisory/Alert: A Health Advisory shall be declared by the APCO when the concentration of pollutants as specified for this stage in Table 1 is reached or predicted in any area of the District. This Health Advisory shall be declared only in the specifically affected areas so persons with respiratory or cardiac problems and the general public may take suitable action. Notification of such an Health Advisory shall be made by the APCO to the following:

302.1 Public Officials, including schools.

302.2 Deleted March 20, 1991

302.3 Public health, safety and emergency agencies.

302.4 News media, the population at risk and the general public

A District-wide Air Pollution Alert Shall be declared by the APCO when the concentration of pollutants specified for this stage in Table 1 is reached or predicted in any area of the District. Notification of the Alert shall be made by the APCO on a District-wide basis to all persons indicated in sub-sections 4-302.1 through 4-302.4. Additionally, notification of the alert shall be made by the APCO to:

302.5 Persons operating any facility or activity subject to 4-301, Preplanned Abatement Strategies. (Amended March 20, 1991)

4-303 Abatement Actions: When an Air Pollution Alert is declared, the following abatement actions shall be put into effect throughout the District:

303.1 All open burning shall be prohibited.

303.2 The use of incinerators for the disposal of solid waste shall be limited to the hours between 1700 and 2200 PST.

303.3 Lancing or soot-blowing required for fuel burning equipment shall be limited to the hours between 1700 and 2200 PST. This requirement shall not apply where the particulate emissions are abated by 95% or better efficient air pollution control equipment.

303.4 Preplanned abatement strategies required under Section 4-301 shall be initiated.

303.5 All persons operating motor vehicles shall be requested to eliminate all but essential driving.

303.6 Other Air Pollution Alert actions as required by the APCO in accordance with the latest California Air Pollution Emergency Plan adopted by the ARB.

(Amended March 17, 1982)

4-304 Air Pollution Warning: A District-wide Warning shall be declared by the APCO when the concentration of pollutants specified for this stage in Table 1 is reached or predicted in any area of the District. When a Warning is declared, the following abatement action shall be put into effect:

304.1 The abatement actions required by Sections 4-301 and 4-303.

304.2 The operations, services, and hours of business of all government, industrial and commercial facilities not subject to Section 4-301 shall be limited to the operations, services and hours of business customarily maintained on Sundays, as certified by the persons responsible for such facilities.

304.3 Other Air Pollution Warning actions as required by the APCO in accordance with the latest California Air Pollution Emergency Plan adopted by the ARB.

4-305 Air Pollution Emergency: A District-wide Emergency shall be declared by the APCO when the concentration of pollutants specified for this stage in Table 1 is reached in any area of the District. When an Emergency is declared, the following abatement actions shall be put into effect:

305.1 The abatement actions required by Sections 4-301 and 4-303.

305.2 All recreational and non-emergency commercial and industrial facilities shall be closed. Sewage treatment plants, power generating facilities or other facilities necessary to maintain the public health are deemed to be emergency facilities.

305.3 The APCO shall notify the ARB that a state of local emergency exists and that appropriate action may be taken by the Governor under the Emergency Services Act to prohibit the use of all motor vehicles except for emergencies, or any other action deemed warranted.

305.4 Other Air Pollution Emergency actions as required by the APCO in accordance with the latest California Air Pollution Emergency Plan adopted by the ARB.

4-400 ADMINISTRATIVE REQUIREMENTS

4-401 Termination of Episode Stages: The APCO shall terminate each Episode Stage when the concentration of air contaminants falls below and is expected to remain below the concentration specified for that stage in Table 1. Notification of such termination shall be made to the public and to those persons and facilities listed in Section 4-302.

4-402 Communications: The APCO may require a facility subject to Section 4-301 to acquire and maintain a selective radio call receiver or similar device for the purpose of receiving a declaration of an Alert Warning or Emergency from the District. The selective radio call receiver must be in conformance with specifications established by the APCO. (Amended March 20, 1991)

4-403 Deleted March 10, 1991

4-404 Deleted March 10, 1991

REGULATION 4
TABLE 1
EPISODE STAGE CRITERIA

Contaminant	Averaging Time	Health Advisory	Stage I Alert	Stage II Warning	Stage III Emergency
Ozone	1 hr.	0.15 ppm	0.20 ppm	0.35 ppm	0.50 ppm
Ozone in combination with sulfur dioxide	1 hr	-	0.20 ppm*	0.35 ppm*	0.50 ppm*
Carbon Monoxide	1 hr.	-	40 ppm	75 ppm	100 ppm
	4 hrs.	-	25 ppm	45 ppm	60 ppm
	8 hrs.	-	15 ppm	30 ppm	40 ppm
Sulfur Dioxide	1 hr.	-	0.5 ppm	1.0 ppm	2.0 ppm
	24 hrs.	-	0.2 ppm	0.7 ppm	0.9 ppm
PM ₁₀	24 hrs.	-	350 ug/m ³	420 ug/m ³	500 ug/m ³
Sulfate in combination with oxidant	24 hrs.	-		25 ug/m ³	
	1 hr. (ozone)			0.20 ppm	

(Amended March 20, 1991)

*These levels shall apply when the ozone concentration and the sulfur dioxide concentration each exceed 0.10 ppm, one hour average, and shall be determined by adding the ozone and sulfur dioxide concentrations.

If excessive concentrations of pollutants for which criteria have not been established occur or are predicted to occur, appropriate abatement actions shall be taken by the affected APCO after consultation with the ARB.

(Amended March 20, 1991)