

**TABLE 4.5-7**  
**SAN FRANCISCO CRITERIA AIR POLLUTANT CONCENTRATIONS, 1993-1997**

Pollutant	State Standard <sup>c</sup>	Monitoring Data by Year <sup>a</sup>				
		1993	1994	1995	1996	1997
<u>Ozone:</u>						
Highest 1-hr. average, ppm <sup>b</sup>	0.09	0.08	0.06	0.09	0.07	0.07
Number of exceedences <sup>d</sup>		0	0	0	0	0
<u>Carbon Monoxide:</u>						
Highest 1-hr. average, ppm	20	7	6	5	5	ND
Number of exceedences		0	0	0	0	
Highest 8-hr. average, ppm	9.0	5.1	4.5	4.4	3.9	3.5
Number of exceedences		0	0	0	0	0
<u>Nitrogen Dioxide:</u>						
Highest 1-hr. average, ppm	0.25	0.08	0.09	0.09	0.08	0.07
Number of exceedences		0	0	0	0	0
<u>Sulfur Dioxide:</u>						
Highest 1-hr. average, ppm	0.25	0.04	0.02	0.04	0.04	ND
Number of exceedences		0	0	0	0	
<u>Particulate Matter (PM-10):</u>						
Highest 24-hr. average, µg/m <sup>3b</sup>	50	<b>69</b>	<b>93</b>	50	<b>71</b>	<b>81</b>
Exceedences/Samples <sup>e</sup>		5/61	6/61	0/61	2/61	3/61
Annual Geometric Mean, µg/m <sup>3</sup>	30	25.1	24.7	22.1	21.4	22.5
<u>Lead (Pb):</u>						
Highest monthly average, µg/m <sup>3b</sup>	1.5	0.02	0.03	0.02	0.01	0.01
Number of Exceedences <sup>e</sup>		0	0	0	0	0

<sup>a</sup> Data for all pollutants are from the Arkansas Street air quality monitoring station in San Francisco, which is located approximately 1.1 miles northwest of the Potrero Power Plant and 2.4 miles north-northwest of the Hunters Point Power Plant.

<sup>b</sup> ppm = parts per million; µg/m<sup>3</sup> = micrograms per cubic meter.

<sup>c</sup> State standard, not to be exceeded.

<sup>d</sup> Except for ozone, “number of exceedences” refers to the number of measured violations in a given year of the applicable standard. For ozone, “number of exceedences” refers to the number of days in a given year during which at least one hour exceeded the standard.

<sup>e</sup> PM-10 and Pb is usually measured every sixth day (rather than continuously like the other pollutants). For PM-10, “exceedences/samples” indicates the number of exceedences of the state standard that occurred in a given year and the total number of samples that were taken that year.

NOTE: ND = No data available. Values shown in **bold** type exceed the applicable standard.

SOURCE: California Air Resources Board, *California Air Quality Data*, 1993, 1994, 1995, 1996; Bay Area Air Quality Management District, *Contaminant & Weather Summary*, January through December 1997.