

TABLE 4.2-1: STATE AND NATIONAL AMBIENT AIR QUALITY STANDARDS AND ATTAINMENT STATUS FOR THE SOUTH COAST AIR BASIN					
Pollutant	Averaging Period	California		Federal	
		Standards	Attainment Status	Standards	Attainment Status
Ozone (O <sub>3</sub> )	1-hour	0.09 ppm (180 µg/m <sup>3</sup> )	Nonattainment	--	--
	8-hour	0.070 ppm (137 µg/m <sup>3</sup> )	n/a	0.075 ppm (147 µg/m <sup>3</sup> )	Nonattainment
Respirable Particulate Matter (PM <sub>10</sub> )	24-hour	50 µg/m <sup>3</sup>	Nonattainment	150 µg/m <sup>3</sup>	Nonattainment
	Annual Arithmetic Mean	20 µg/m <sup>3</sup>	Nonattainment	--	--
Fine Particulate Matter (PM <sub>2.5</sub> )	24-hour	--	--	35 µg/m <sup>3</sup>	Nonattainment
	Annual Arithmetic Mean	12 µg/m <sup>3</sup>	Nonattainment	15.0 µg/m <sup>3</sup>	Nonattainment
Carbon Monoxide (CO)	8-hour	9.0 ppm (10 mg/m <sup>3</sup> )	Attainment	9 ppm (10 mg/m <sup>3</sup> )	Maintenance
	1-hour	20 ppm (23 mg/m <sup>3</sup> )	Attainment	35 ppm (40 mg/m <sup>3</sup> )	Maintenance
Nitrogen Dioxide (NO <sub>2</sub> )	Annual Arithmetic Mean	0.030 ppm (57 µg/m <sup>3</sup> )	Attainment	0.053 ppm (100 µg/m <sup>3</sup> )	Attainment
	1-hour	0.18 ppm (338 µg/m <sup>3</sup> )	Attainment	--	--
Sulfur Dioxide (SO <sub>2</sub> )	Annual Arithmetic Mean	--	--	0.030 ppm (80 µg/m <sup>3</sup> )	Attainment
	24-hour	0.04 ppm (105 µg/m <sup>3</sup> )	Attainment	0.14 ppm (365 µg/m <sup>3</sup> )	Attainment
	3-hour	--	--	--	--
	1-hour	0.25 ppm (655 µg/m <sup>3</sup> )	Attainment	--	--
Lead (Pb)	30-day average	1.5 µg/m <sup>3</sup>	Attainment	--	--
	Calendar Quarter	--	--	0.15 µg/m <sup>3</sup>	Attainment

n/a = not available  
SOURCE: CARB, *Ambient Air Quality Standards*, November 17, 2008.

**State**

**California Air Resources Board.** In California, the CCAA is administered by the California Air Resources Board (CARB) at the State level and by the air quality management districts and air pollution control districts at the regional and local levels. The CARB, which became part of the California Environmental Protection Agency in 1991, is responsible for meeting the State requirements of the CAA, administering the CCAA, and establishing the California Ambient Air Quality Standards (CAAQS). The CCAA, as amended in 1992, requires all air districts in the State to endeavor to achieve and maintain the CAAQS. CAAQS are generally more stringent than the corresponding federal standards and incorporate