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## INFORMATIVE APPENDIX I

### NATIONAL AMBIENT AIR QUALITY STANDARDS (NAAQS)

For locations within the United States, the following table shows the ambient air quality standards that determine the regional air quality status of “attainment” or “nonattainment” for the building location.

**TABLE I-1 National Ambient Air Quality Standards (NAAQS) I-1**

Pollutant	Primary Stds.	Averaging Times	Secondary Stds.
Carbon monoxide	9 ppm (10 mg/m <sup>3</sup> )	8-hour <sup>a</sup>	None
	35 ppm (40 mg/m <sup>3</sup> )	1-hour <sup>a</sup>	None
Lead	0.15 µg/m <sup>3</sup>	Rolling three-month average	Same as primary
Nitrogen dioxide	100 ppb	1-hour <sup>b</sup>	—
	0.053 ppm (100 µg/m <sup>3</sup> )	Annual (arithmetic mean)	Same as primary
Particulate matter (PM <sub>10</sub> )	150 µg/m <sup>3</sup>	24-hour <sup>c</sup>	Same as primary
Particulate matter (PM <sub>2.5</sub> )	12 µg/m <sup>3</sup>	Annual <sup>d</sup> (arithmetic mean)	15 µg/m <sup>3</sup>
	35 µg/m <sup>3</sup>	24-hour <sup>b</sup>	Same as primary
Ozone	0.075 ppm	8-hour <sup>e</sup>	Same as primary
Sulfur dioxide	75 ppb	1-hour <sup>f</sup>	—
	—	3-hour <sup>(1)</sup>	0.5 ppm

a. Not to be exceeded more than once per year.

b. 98th percentile, averaged over 3 years.

c. Not to be exceeded more than once per year on average over 3 years.

d. Average over three years.

e. 3-year average of the fourth-highest daily maximum 8-hour average ozone concentration.

f. 99th percentile of 1-hour daily maximum concentrations, averaged over 3 years.

## REFERENCES

- I-1. *National Primary and Secondary Ambient Air Quality Standards, Code of Federal Regulations, Title 40 Part 50 (40 CFR 50)*, as amended July 30, 2004 and Oct. 17, 2006. U.S. Environmental Protection Agency. [www.epa.gov/air/criteria.html](http://www.epa.gov/air/criteria.html), accessed January 30, 2013.