

ARTICLE II. STANDARDS FOR OPERATION

SECTION 10.56.160: Ambient Air Quality Standards

- A. The primary ambient air quality standards define levels of air quality believed adequate with an appropriate margin of safety to protect the public health.
- B. The secondary ambient air quality standards define levels of air quality believed adequate with an appropriate margin of safety to protect the public welfare from any known anticipated adverse effects of the pollutant.
- C. The ambient air quality standards of Table 10.56.160 are applicable throughout Metropolitan Nashville and Davidson County. The ambient air quality standards of Table 10.56.160 shall not be construed or interpreted to allow any significant deterioration of the existing air quality in any area of Metropolitan Nashville and Davidson County.

TABLE 10.56.160

PRIMARY STANDARD		SECONDARY STANDARD		REMARK	
POLL.	CONC.	AVERAGE INTERVAL	CONC.	AVERAGE INTERVAL	REMARK
PM ₁₀	150 ug/m ³	24-hr	150 ug/m ³	24-hr	This standard is attained when the expected number of days per calendar year with a 24-hr average conc. above 150 ug/m ³ as determined in accordance with Appendix K of Title 40, CFR Part 50, is less than or equal to one.
	50 ug/m ³	AAM	50 ug/m ³	AAM	This standard is attained when the expected annual arithmetic mean conc., as determined in accordance with Appendix K of Title 40, CFR Part 50, is less than or equal to 50 ug/m ³ .
SO ₂	0.03 ppm 0.14 ppm	AAM 24-hr	0.50 ppm	3-hr	Annual arithmetic mean not to be exceeded more than once a year.
CO	35.0 ppm	1-hr	35.0 ppm	1-hr	Not to be exceeded more than once a year.
	9.0 ppm	8-hr	9.0 ppm	8-hr	Not to be exceeded more than once a year.
Ozone	0.12 ppm	1-hr	0.12 ppm	1-hr	This standard is attained when the expected No. of days per calendar year with maximum hourly average conc. above 0.12 ppm is equal to or less than one.
NO ₂	100 ug/m ³	AAM	100 ug/m ³	AAM	Annual arithmetic mean.
Lead	1.5 ug/m ³	QAM	1.5 ug/m ³	QAM	Calendar Quarter arithmetic mean.
Gaseous Fluorides	1.5 ppb	30-day	1.5 ppb	30-day	Not to be exceeded more than once a year.
	2.0 ppb	7-day	2.0 ppb	7-day	
	3.5 ppb	24-hr	3.5 ppb	24-hr	
	4.5 ppb	12-hr	4.5 ppb	12-hr	