

**SOUTH CAROLINA
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
AIR POLLUTION CONTROL REGULATIONS AND STANDARDS**

**REGULATION 61-62.5
AIR POLLUTION CONTROL STANDARDS**

**STANDARD NO. 2
AMBIENT AIR QUALITY STANDARDS**

The following table, unless otherwise noted, constitutes the primary and secondary ambient air quality standards for the State of South Carolina. The computations for determining if the applicable standard is met, along with the analytical methods to be used, will be those applicable Federal Reference Methods and Interpretations published in the Appendices to 40 Code of Federal Regulations (CFR) 50, or those methods designated as Federal Equivalent Methods (FEM) in accordance with 40 CFR 53. In the case of Gaseous Fluorides, either the double paper tape sampler method (ASTM D-3266-91 or later), the sodium bicarbonate-coated glass tube and particulate filter method (ASTM D-3268-91 or later), or an approved method may be used.

Pollutant	Reference	Measuring Interval	Standard Level			
			mg/m ³	µg/m ³	ppm	ppb
Sulfur Dioxide	40 CFR 50.4 40 CFR 50.5	3 hour (secondary)	-	1300	0.5	-
	40 CFR 50.17	1- hour (primary)	-	-	-	75
PM ₁₀	40 CFR 50.6	24 hour	-	150	-	-
PM _{2.5}	40 CFR 50.13	24 hour (primary)	-	35	-	-
	40 CFR 50.18	Annual (primary)	-	12	-	-
		24 hour (secondary)	-	35		
		Annual (secondary)	-	15		
Carbon Monoxide	40 CFR 50.8	1 hour (no secondary)	40	-	35	-
		8 hour (no secondary)	10	-	9	-
Ozone	40 CFR 50.15	8 hour (2008)	-	-	0.075	-
	40 CFR 50.19	8 hour (2015)	-	-	0.070	-
Nitrogen Dioxide	40 CFR 50.11	Annual	-	100	0.053	53
		1-hour				100

Pollutant	Reference	Measuring Interval	Standard Level			
			mg/m ³	µg/m ³	ppm	ppb
Lead	40 CFR 50.16	Rolling 3-month Average	-	0.15	-	-

R. 61-62.5, Standard No. 2 History - *South Carolina State Register*:

- Vol. 9, Issue No. 5, (Doc. No. 457), May 24, 1985;
- Vol. 12, Issue No. 4, (Doc. No. 970), April 22, 1988;
- Vol. 13, Issue No. 2, (Doc. No. 868), February 24, 1989;
- Vol. 28, Issue No. 9, (Doc. No. 2912), September 24, 2004;
- Vol. 32, Issue No. 10, (Doc. No. 3224), October 24, 2008;
- Vol. 33, Issue No. 10, (Doc. No. 4082), October 23, 2009;
- Vol. 36, Issue No. 4, (Doc. No. 4280), April 27, 2012;
- Vol. 36, Issue No. 9, (Errata), September 28, 2012;
- Vol. 38, Issue No. 9, (Doc. No. 4465), September 26, 2014;
- Vol. 39, Issue No. 6, (Doc. No. 4481), June 26, 2015;
- Vol. 40, Issue No. 9, (Doc. No. 4650), September 23, 2016.