
61-62.5

Standard No. 2

Ambient Air Quality Standards

Regulation History as Published in State Register			
Date	Document Number	Volume	Issue
May 24, 1985	457	9	5
April 22, 1988	970	12	4
February 24, 1989	868	13	2
September 24, 2004	2912	28	9
October 24, 2008	3224	32	10
October 23, 2009	4082	33	10
April 27, 2012	4280	36	4
September 28, 2012 (Errata)	4280	36	9
September 26, 2014	4465	38	9
June 26, 2015	4481	39	6
September 23, 2016	4650	40	9

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	-	-