

1 Pollution Control Agency

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3 Adopted Permanent Rules Relating to Ambient Air Quality

4 Standards

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6 Rules as Adopted

7 7009.0050 MEASUREMENT METHODOLOGY, EXCEPT FOR HYDROGEN SULFIDE.

8 For all ambient air quality standards except hydrogen  
9 sulfide, measurements made to determine compliance with the  
10 standards shall be performed as set forth in:

11 A. Code of Federal Regulations, title 40, part 50,  
12 National Primary and Secondary Ambient Air Quality Standards, as  
13 amended; or

14 B. Code of Federal Regulations, title 40, part  
15 53-Ambient Air Monitoring Reference and Equivalent Methods, as  
16 amended; and

17 C. Code of Federal Regulations, title 40, part 58,  
18 Ambient Air Quality Surveillance, as amended.

19 7009.0060 MEASUREMENT METHODOLOGY FOR HYDROGEN SULFIDE.

20 For hydrogen sulfide, measurements made to determine  
21 compliance with the standards shall be performed in accordance  
22 with any measurement method approved by the commissioner. The  
23 commissioner shall approve a measurement method where the  
24 sensitivity, precision, accuracy, response time, and  
25 interference levels of the method are comparable to that of the  
26 measurement methods for the other pollutants described in part  
27 7009.0050; and when the person seeking to take the measurement  
28 has developed and submitted to the agency a quality assurance  
29 plan that provides operational procedures for each of the  
30 activities described in Code of Federal Regulations, as amended,  
31 title 40, part 58, appendix A.2.2, Quality Assurance  
32 Requirements for State and Local Air Monitoring Stations.

33 7009.0080 STATE AMBIENT AIR QUALITY STANDARDS.

34 The following table contains the state ambient air quality

1 standards.				
2 Pollutant/	Primary	Secondary		
3 Air	Standard	Standard		Remarks
4 Contaminant				
5				
6 Hydrogen	0.05 ppm by			1/2 hour average not
7 Sulfide	volume (70.0			to be exceeded over
8	micrograms per			2 times per year
9	cubic meter)			
10				
11	0.03 ppm by			1/2 hour average not
12	volume (42.0			to be exceeded over
13	micrograms per			2 times in any 5
14	cubic meter)			consecutive days
15				
16 Ozone	0.12 ppm by	0.12 ppm by		the standard is
17	volume (235	volume (235		attained when the
18	micrograms	micrograms		expected number of
19	per cubic	per cubic		days per calendar
20	meter)	meter)		year with maximum
21				hourly average
22				concentrations
23				above the standard
24				is equal to or less
25				than one, as
26				determined by Code
27				of Federal
28				Regulations,
29				title 40, part 50,
30				appendix H,
31				Interpretation
32				of the National
33				Ambient Air Quality
34				Standards for Ozone
35				(1981)
36				
37 Carbon	9 ppm by	9 ppm by		maximum 8 hour
38 Monoxide	volume (10	volume (10		concentration not
39	milligrams	milligrams		to be exceeded more
40	per cubic	per cubic		than once per year
41	meter)	meter)		
42				
43	30 ppm by	30 ppm by		maximum 1 hour
44	volume (35	volume (35		concentration not to
45	milligrams	milligrams		to be exceeded more
46	per cubic	per cubic		than once per year
47	meter)	meter)		
48				
49 Hydro	0.24 ppm by	0.24 ppm by		maximum 3 hour
50 carbons	volume (160	volume (160		concentration (6:00
51	micrograms	micrograms		to 9:00 a.m.) not
52	per cubic	per cubic		to be exceeded
53	meter)	meter)		more than once per
54				year, corrected for
55				methane
56				
57 Sulfur	80	60		maximum annual
58 Dioxides	micrograms	micrograms		arithmetic mean
59	per cubic	per cubic		
60	meter (0.03	meter (0.02		
61	ppm by	ppm by		
62	volume)	volume)		
63				
64	365	365		maximum 24 hour
65	micrograms	micrograms		concentration not
66	per cubic	per cubic		to be exceeded more
67	meter (0.14	meter (0.14		than once per year
68	ppm by	ppm by		
69	volume)	volume)		
70				

1		915		maximum 3 hour
2		micrograms		concentration not
3		per cubic		to be exceeded more
4		meter (0.35		than once per year
5		ppm by		in Air Quality
6		volume)		Control Regions
7				127, 129, 130, and
8				132 as set forth in
9				Code of Federal
10				Regulations, title
11				40, part 81,
12				Designations of Air
13				Quality Control
14				Regions (1981)
15				
16		1300		maximum 3 hour
17		micrograms		concentration not to
18		per cubic		be exceeded more than
19		meter (0.5		once per year
20		ppm by		in Air Quality Control
21		volume)		Regions 128, 131, and
22				133 as set forth in
23				Code of Federal
24				Regulations, title
25				40, part 81,
26				Designation of Air
27				Quality Control
28				Regions (1981)
29				
30		1300		maximum 3 hour
31		micrograms		concentration not to
32		per cubic		be exceeded more than
33		meter (0.5		once per year
34		ppm by		
35		volume)		
36				
37		1300		maximum 1 hour
38		micrograms		concentration not to
39		per cubic		be exceeded more than
40		meter (0.5		once per year
41		ppm by		
42		volume)		
43				
44	Particulate	75	60	maximum annual
45	Matter	micrograms	micrograms	geometric mean
46		per cubic	per cubic	
47		meter	meter	
48				
49		260	150	maximum 24 hour
50		micrograms	micrograms	concentration not
51		per cubic	per cubic	to be exceeded more
52		meter	meter	than once per year
53				
54	Nitrogen	0.05 ppm	0.05 ppm	maximum annual
55	Dioxides	by volume	by volume	arithmetic mean
56		(100	(100	
57		micrograms	micrograms	
58		per cubic	per cubic	
59		meter)	meter)	
60				
61	Lead	1.5	same as	maximum arithmetic
62		micrograms	primary	mean averaged over
63		per cubic	standard	a calendar quarter
64		meter		
65				
66	PM10	150	same as	maximum 24-hour
67		micrograms	primary	average concentration;
68		per cubic	standard	the standard is
69		meter		attained when the
70				expected number of
71				days per calendar

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50  
micrograms  
per cubic  
meter

same as  
primary  
standard

year exceeding the  
value of the standard  
is equal to or less  
than one  
  
annual arithmetic  
mean; the standard  
is attained when  
the expected annual  
arithmetic mean  
concentration is less  
than or equal to the  
value of the standard