

TABLE C-1 TO SUBPART C OF PART 53—TEST CONCENTRATION RANGES, NUMBER OF MEASUREMENTS REQUIRED, AND MAXIMUM DISCREPANCY SPECIFICATIONS

Pollutant	Concentration range, parts per million (ppm)	Simultaneous measurements required				Maximum discrepancy specification, parts per million
		1-hour		24-hour		
		First set	Second set	First set	Second set	
Ozone	Low 0.06 to 0.10	5	6			0.02
	Med. 0.15 to 0.25	5	6			0.03
	High 0.35 to 0.46	4	6			0.04
	Total	14	18			
Carbon monoxide	Low 7 to 11	5	6			1.5
	Med. 20 to 30	5	6			2.0
	High 25 to 45	4	6			3.0
	Total	14	18			
Sulfur dioxide	Low 0.02 to 0.05	5	6	3	3	0.02
	Med. 0.10 to 0.15	5	6	2	3	0.03
	High 0.30 to 0.50	4	6	2	2	0.04
	Total	14	18	7	8	
Nitrogen dioxide	Low 0.02 to 0.08			3	3	0.02
	Med. 0.10 to 0.20			2	2	0.02
	High 0.25			2	2	0.03
	Total			7	8	

TABLE C-2 TO SUBPART C OF PART 53—SEQUENCE OF TEST MEASUREMENTS

Measurement	Concentration range	
	First set	Second set
1	Low	Medium.
2	High	High.
3	Medium	Low.
4	High	High.
5	Low	Medium.
6	Medium	Low.
7	Low	Medium.
8	Medium	Low.
9	High	High.
10	Medium	Low.
11	High	Medium.
12	Low	High.
13	Medium	Medium.
14	Low	High.
15		Low.
16		Medium.
17		Low.
18		High.

TABLE C-3 TO SUBPART C OF PART 53—TEST SPECIFICATIONS FOR PB IN TSP AND PB IN PM<sub>10</sub> METHODS

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Concentration range equivalent to percentage of NAAQS in $\mu\text{g}/\text{m}^3$ .	30% to 250%
Minimum number of 24-hr measurements.	5
Maximum reference method analytical bias, $D_q$ .	$\pm 5\%$
Maximum precision, $P_R$ or $P_C$ .	$\leq 15\%$
Maximum difference (D).	$\pm 20\%$
Estimated Method Detection Limit (MDL), $\mu\text{g}/\text{m}^3$ .	5% of NAAQS level.

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TABLE C-4 TO SUBPART C OF PART 53—TEST SPECIFICATIONS FOR PM<sub>10</sub>, PM<sub>2.5</sub> AND PM<sub>10-2.5</sub> CANDIDATE EQUIVALENT METHODS

Specification	PM <sub>10</sub>	PM <sub>2.5</sub>			PM <sub>10-2.5</sub>	
		Class I	Class II	Class III	Class II	Class III
Acceptable concentration range ( $R_i$ ), $\mu\text{g}/\text{m}^3$ .	15-300	3-200 ..	3-200	3-200	3-200	3-200
Minimum number of test sites.	2	1	2	4	2	4