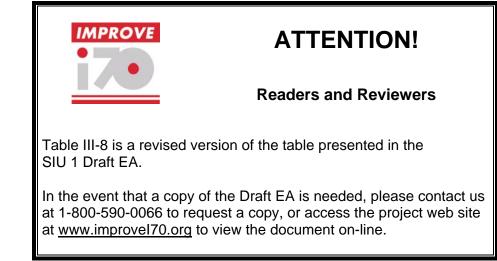


Appendix C Revised Table III-8



Pollutant	Averaging Time	Concentration
Sulfur Dioxide (SO <sub>2</sub> )	Annual Arithmetic Mean: Primary	80 μg/m <sup>3</sup> (0.03 ppm)
	Twenty-Four Hour <sup>(1)</sup> : Primary	365 µg/m <sup>3</sup> (0.14 ppm)
	Three Hour <sup>(1)</sup> : Secondary	1,300 µg/m <sup>3</sup> (0.50 ppm)
Particulate (PM-10)	Annual Arithmetic Mean: Primary and Secondary	50 µg/m <sup>3</sup>
	Twenty-Four Hour <sup>(7)</sup> : Primary and Secondary	150 µg/m <sup>3</sup>
Particulate (PM-2.5)	Annual Arithmetic Mean: Primary and Secondary	15 µg/m <sup>3</sup>
	Twenty-Four Hour <sup>(2)</sup> : Primary and Secondary	65 µg/m <sup>3</sup>
Carbon Monoxide (CO)	One Hour <sup>(1)</sup> : Primary	40 mg/m <sup>3</sup> (35 ppm)
	Eight Hour <sup>(1)</sup> : Primary	10 mg/m <sup>3</sup> (9 ppm)
Ozone	Eight Hour: Primary and Secondary	
Nitrogen Dioxide (NO <sub>2</sub> )	Annual Arithmetic Mean: Primary and Secondary	100 μg/m <sup>3</sup> (0.053 ppm)
Lead (Pb)	Calendar Quarter Arithmetic Mean: Primary and	1.5 µg/m <sup>3</sup>
	Secondary	
Hydrogen Sulfide (H <sub>2</sub> S)	One-half Hour <sup>(3)</sup>	70 $\mu$ g/m <sup>3</sup> (0.05 ppm) <sup>(8)</sup>
	One-half Hour <sup>(4)</sup>	42 $\mu$ g/m <sup>3</sup> (0.03 ppm) <sup>(8)</sup>
Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> )	Twenty-Four Hour <sup>(5)</sup>	10 μg/m <sup>3(8)</sup> 30 μg/m <sup>3(8)</sup>
	One Hour <sup>(6)</sup>	30 µg/m <sup>3(8)</sup>
Source: MDNR Division 10 – Air Conservation Commission.		

Table III-8: Missouri and National Ambient Air Quality Standards

(1) - Not to be exceeded more than once per year.

(2) - Daily value for one year below which 98% of all values in one year fall.

(3) - Not to be exceeded more than twice per year.

(4) - Not to be exceeded more than twice in any five consecutive days.

(5) - Not to be exceeded more than once in any 90 consecutive days.

(6) - Not to be exceeded more than once in any two consecutive days.

(7) - Not more than one expected exceedance per year, on a 3-year average.

(8) - Missouri Air Quality Standards.

ppm - Parts of pollutant per million parts of air (by volume) at 25°C.

 $\mu$ g/m<sup>3</sup> - Micrograms of pollutant per cubic meter of air.

mg/m<sup>3</sup> - Milligrams of pollutant per cubic meter of air.