



**Technology Transfer Network**  
**National Ambient Air Quality Standards (NAAQS)**  
**Sulfur Dioxide (SO<sub>2</sub>) Primary Standards -**  
**Table of Historical SO<sub>2</sub> NAAQS**

**History of the National Ambient Air Quality Standards for Oxides of Sulfur**  
**During the Period 1971-2010**

Final Rule/Decision	Primary/ Secondary	Indicator <sup>(1)</sup>	Averaging Time	Level <sup>(2)</sup>	Form
1971  36 FR 8186 Apr 30, 1971	Primary	SO <sub>2</sub>	24-Hour	0.14 ppm	Not to be exceeded more than once per year
			Annual	0.03 ppm	Annual arithmetic average
	Secondary		3-Hour	0.5 ppm	Not to be exceeded more than once per year
			Annual <sup>(3)</sup>	0.02 ppm	Annual arithmetic average
1973  38 FR 25678 Sept 14, 1973	Secondary	Secondary 3-hour SO <sub>2</sub> standard retained, without revision; secondary annual SO <sub>2</sub> standard revoked.			
1996  61 FR 25566 May 22, 1996	Primary	Existing primary SO <sub>2</sub> standards retained, without revision.			
2010  75 FR 35520 Jun 22, 2010 <sup>(4)</sup>	Primary	SO <sub>2</sub>	1-hour	75 ppb	99th percentile, averaged over 3 years <sup>(5)</sup>
		Primary annual and 24-hour SO <sub>2</sub> standards revoked.			

<sup>(1)</sup> SO<sub>2</sub> = sulfur dioxide

<sup>(2)</sup> Units of measure are in parts per million (ppm) and parts per billion (ppb).

<sup>(3)</sup> The 1971 final rule also included a secondary 24-hour SO<sub>2</sub> standard of 0.1 ppm, maximum 24-hour concentration not to be exceeded more than once per year, as a guide to be used in assessing implementation plans to achieve the annual standard.

<sup>(4)</sup> The 1-hour SO<sub>2</sub> standard added in 2010 is a primary standard. The revision of the SO<sub>2</sub> NAAQS in 2010 did not address the secondary standard, which remains a 3-hour standard with a level of 0.5 ppm.

<sup>(5)</sup> The form of the 1-hour standard is the 3-year average of the 99th percentile of the yearly distribution of 1-hour daily maximum SO<sub>2</sub> concentrations.

Last updated on viernes, 13 de marzo de 2015