

RULE

Department of Environmental Quality
Office of Air Quality and Radiation Protection
Air Quality Division

Ambient Air Standards—Carbonyl Sulfide
(LAC 33:III.5112)(AQ133)

Under the authority of the Louisiana Environmental Quality Act, R.S. 30:2001 et seq., and in accordance with the provisions of the Administrative Procedure Act, R.S. 49:950 et seq., the secretary has amended the Air Quality Division regulations, LAC 33:III.5112 (AQ133).

The ambient air standard for carbonyl sulfide is changed to 582 ug/m³ in Table 51.2, LAC 33:III.5112.

The ambient air standard for carbonyl sulfide (COS) in Table 51.2 of LAC 33:III.5112 was incorrectly listed at 24.30 ug/m³. There was and still is a general lack of toxicity data for this compound. The standard for carbonyl sulfide is based on the toxicity of hydrogen sulfide since COS metabolizes to H₂S in the body. More current toxicity data caused a revision of the H₂S standard upward and should have caused a likewise revision in the COS standard.

Title 33
ENVIRONMENTAL QUALITY
Part III. Air

Chapter 51. Comprehensive Toxic Air Pollutant Emission Control Program
Subchapter A. Applicability, Definitions, and General Provisions
§5112. Tables

* * *

[See Prior Text in Table 51.1]

Table 51.2 Louisiana Toxic Air Pollutant Ambient Air Standards				
Compounds	CAS No.	Class	Ambient Air Standard	
			($\mu\text{g}/\text{m}^3$ *) (8 Hour Avg.)	($\mu\text{g}/\text{m}^3$ ***) (Annual Avg.)
* * *				
[See Prior Text in Acetaldehyde-Carbon Tetrachloride]				
Carbonyl Sulfide	463-58-1	III	582.00	
* * *				
[See Prior Text in Chlorinated Dibenzo-p-dioxins [2]-Table 51.3 Explanatory Note [4]]				

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2060 and 2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 21:1330 (December 1995), amended LR 22: (April 1996).

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