

NOTICE OF INTENT

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 gives notice that rulemaking procedures have been initiated to amend the Air Quality Division regulations, LAC 33:III.5112 (AQ133).

It is proposed that the ambient air standard for carbonyl sulfide be 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 is 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.

This proposed rule meets the exceptions listed in R.S. 30:2019(D)(3) and R.S. 49:953(G)(3), therefore, no report regarding environmental/health benefits and social/economic costs is required.

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	
			(μG/m ³ *) (8 Hour Avg.)	(μG/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:

A public hearing will be held on February 29, 1996, at 1:30 p.m. in the Maynard Ketcham Building, Room 326, 7290 Bluebonnet Boulevard, Baton Rouge, LA 70810. Interested persons are invited to attend and submit oral comments on the proposed amendments. Should individuals with a disability need an accommodation in order to participate please contact Patsy Deaville at the address given below or at (504) 765-0399.

All interested persons are invited to submit written comments on the proposed regulations. Commentors should reference this proposed regulation by Log AQ133. Such comments should be submitted no later than March 7, 1996, at 4:30 p.m., to Patsy Deaville, Investigations and Regulation Development Division, Box 82282, Baton Rouge, LA 70810 or to FAX number (504) 765-0486. Copies of this proposed regulation can be purchased at the above referenced address. You may contact the Investigations and Regulation Development Division at (504) 765-0399 for pricing information. Check or money order is required in advance for each copy of AQ133.

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This proposed regulation is available for inspection at the following DEQ office locations from 8 a.m. until 4:30 p.m.: 7290 Bluebonnet Boulevard, Fourth Floor, Baton Rouge, LA 70810; 804 Thirty-first Street, Monroe, LA 71203; State Office Building, 1525 Fairfield Avenue, Shreveport, LA 71101; 3519 Patrick Street, Lake Charles, LA 70605; 3501 Chateau Boulevard West Wing, Kenner, LA 70065; 100 Asma Boulevard, Suite 151, Lafayette, LA 70508.

James B. Thompson, III
Assistant Secretary

**FISCAL AND ECONOMIC IMPACT STATEMENT
FOR ADMINISTRATIVE RULES
RULE TITLE: Ambient Air Standards—
Carbonyl Sulfide**

- I. ESTIMATED IMPLEMENTATION COSTS (SAVINGS) TO STATE OR LOCAL GOVERNMENTAL UNITS (Summary)
There will be no significant implementation costs (savings) to state or local governmental units.
- II. ESTIMATED EFFECT ON REVENUE COLLECTIONS OF STATE OR LOCAL GOVERNMENTAL UNITS (Summary)
None.
- III. ESTIMATED COSTS AND/OR ECONOMIC BENEFITS TO DIRECTLY AFFECTED PERSONS OR NONGOVERNMENTAL GROUPS (Summary)
Facilities that are major sources of toxic air pollutants and emit carbonyl sulfide above the minimum emission rate would demonstrate compliance with the adjusted ambient air standard. As a result, some facilities may benefit by reducing costs of air pollution controls to meet the ambient air standard for carbonyl sulfide.
- IV. ESTIMATED EFFECT ON COMPETITION AND EMPLOYMENT (Summary)
There will be no effect on competition and employment.

Gus Von Bodungen
Assistant Secretary

Richard England
Assistant to the
Legislative Fiscal Officer

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