

State of California

AIR RESOURCES BOARD

RESOLUTION 76-2

January 15, 1976

WHEREAS, the Air Resources Board, pursuant to Section 39606 of the Health and Safety Code, has the authority, after holding a public hearing, to adopt standards of ambient air quality;

WHEREAS, the Board held a public hearing, pursuant to the Administrative Procedure Act, to reconsider the California ambient air quality standard for lead on November 3 and 4, 1975;

WHEREAS, the State Department of Health and its Air Quality Advisory Committee have recommended retention of the concentration and averaging period provisions of the present California ambient air quality standard for lead and have also recommended changing the method and most relevant effects provisions of the standard as follows:

METHOD: AIHL Method No. 54.

MOST RELEVANT EFFECTS: Increased body burden, impairment of blood formation and nerve conduction.

WHEREAS, the Board finds that there is substantial evidence of adverse health effects attributable to particulate lead in the atmosphere at concentrations above 1.5 micrograms per cubic meter, 30-day average;

NOW, THEREFORE, BE IT RESOLVED, that the Board reaffirms the concentration and averaging period for lead particulate, 1.5 micrograms per cubic meter, 30-day average, as stated in Section 70200, Title 17, California Administrative Code; and amends the lead standard in said Section as follows:

METHOD: High-volume-sampling, dithizone-method
AIHL Method No. 54, or equivalent

MOST RELEVANT EFFECTS: Possible-inhibition-of-d-ALA-dehydrase-which-is
used-in-heme-synthesis
Increased body burden, impairment of blood
formation and nerve conduction.

COMMENTS: With-exposure-to-2- $\mu\text{g}/\text{m}^3$ -or-above-as-a-30-day
average, increased-storage-of-lead-will-produce
detectable-metabolic-effects.