

State of California
AIR RESOURCES BOARD

Resolution 77-39

July 7, 1977

WHEREAS, the Air Resources Board, pursuant to Sections 39601, 43013 and 43101 of the Health and Safety Code, has the authority to adopt vehicle emission standards which are necessary and technologically feasible for the purpose of protecting and enhancing the air quality of this State;

WHEREAS, the California Supreme Court in Western Oil and Gas Association vs. Orange County Air Pollution Control District, decided May 23, 1975, ruled that the Board has the authority to regulate fuel content as a means of regulating vehicular emissions;

WHEREAS, a large portion of the California population is already exposed to unhealthful levels of photochemical oxidant and/or sulfates, and the state Ambient Air Quality Standards for such pollutants are being exceeded in many areas of the state;

WHEREAS, the Board has determined that the use of manganese additives in unleaded fuels, such as the additive methylcyclopentadienyl manganese tricarbonyl (MMT), will increase vehicle hydrocarbon exhaust emissions which are precursors of photochemical oxidant;

WHEREAS, the Board has also determined that the combustion of gasoline containing manganese additives, such as MMT, will increase ambient levels of manganese oxides, which are directly toxic to humans, and which may tend to increase ambient sulfate levels by catalyzing the conversion of sulfur dioxide to sulfate under conditions of high humidity;

WHEREAS, the State Department of Health has advised the Board that the increased use of manganese fuel additives represents a potential health hazard;

WHEREAS, the use of MMT in unleaded gasoline sold in California could increase substantially; and

WHEREAS, the Board has conducted a public hearing pursuant to the Administrative Procedure Act;

NOW, THEREFORE, BE IT RESOLVED, that the Board adopts Section 2254 in Title 13, California Administrative Code, as follows: