State of California
AIR RESOURCES BOARD

Resolution 75-1

February 19, 1975

WHEREAS, Section 39052(k) of the Health and Safety Code requires the Air Resources Board to adopt test procedures specifying the manner in which new motor vehicles shall be approved;

WHEREAS, Section 39052(k) also permits the Air Resources Board to revise its test procedures and establish standards for emissions from new motor vehicles;

WHEREAS, the Governor signed into law Senate Bill 1478 and Assembly Bill 3868 necessitating changes in the Board's test procedures and exhaust emission standards for new motor vehicles; and

WHEREAS, a public hearing and other administrative proceedings have been held in accordance with the provisions of the Administrative Procedure Act (Government Code, Title 2, Division 3, Part 1, Chapter 4.5);

NOW, THEREFORE, BE IT RESOLVED, that the "California Exhaust Emission Standards and Test Procedures for 1975 and Subsequent Model Gasoline-Powered Passenger Cars and Light-Duty Trucks", dated February 19, 1975, and the "California Exhaust Emission Standards, Test and Approval Procedures for 1975 and Subsequent Model-Year Engines in Gasoline-Powered Motor Vehicles over 6,000 Pounds Gross Vehicle Weight", dated February 19, 1975, are adopted.

BE IT FURTHER RESOLVED, that the Board hereby amends Chapter 3, Subchapter 1, Article 2, Sections 1955, 1955.5 and 1956 of Title 13, California Administrative Code to read as follows:

1955. Exhaust Emission Standards and Test Procedures - 1973 and Subsequent Model-Year Light-Duty Vehicles.

The exhaust emissions from new 1973 and subsequent model-year gasoline-powered light-duty (under 6,001 pounds gross vehicle weight) motor vehicles having an engine displacement of 50 cubic inches or greater, subject to registration and sold and registered in this state, shall not exceed:

(a) 1973:
(1) Hydrocarbons - 3.2 grams per mile
(2) Carbon Monoxide - 39 grams per mile
(3) Oxides of Nitrogen (NO_2) - 3.0 grams per mile

(b) 1974: (1) Hydrocarbons - 3.2 grams per mile
(2) Carbon Monoxide - 39 grams per mile
(3) Oxides of Nitrogen (NO_2) - 2.0 grams per mile

(c) 1975 through 1977: (1) Hydrocarbons - 0.9 grams per mile*
(2) Carbon Monoxide - 9.0 grams per mile
(3) Oxides of Nitrogen (NO_2) - 2.0 grams per mile

* Hydrocarbon emissions from limited production 1975 model year passenger cars shall not exceed 1.5 grams per mile.

"Limited-production" vehicle means a new 1975 model-year motor vehicle having a manufacturer's gross vehicle weight rating of under 6,001 pounds that is manufactured or sold in this state in quantities of less than 210 units annually.

The test procedures for determining compliance with subdivisions (a) and (b) of these standards are set forth in "California Exhaust Emission Standards and Test Procedures for 1973 Through 1976 Model Gasoline-Powered Motor Vehicles Under 6,001 Pounds G.V.W.", adopted by the Air Resources Board September 15, 1971, amended December 18, 1972.

The test procedures for determining compliance with subdivisions (c) of these standards are set forth in "California Exhaust Emission Standards and Test Procedures for 1975 and Subsequent Model Gasoline-Powered Passenger Cars and Light Duty Trucks" adopted by the Air Resources Board, ~~June 20, 1973, as amended March 13, August 8, and December 1, 1974,~~ February 19, 1975.

Subdivision (c) and this test procedure shall apply only to passenger cars or passenger car derivatives capable of seating 12 passengers or less.

1955.5 Exhaust Emission Standards and Test Procedures - 1975 and Subsequent Model-Year Light-Duty Trucks.

The exhaust emissions from new 1975 and subsequent model-year gasoline-powered light-duty trucks having an engine displacement of 50 cubic inches or greater, subject to registration and sold and registered in this state, shall not exceed:

(a) 1975: (1) Hydrocarbons - 2.0 grams per mile
(2) Carbon Monoxide - 20 grams per mile
(3) Oxides of Nitrogen (NO_2) - 2.0 grams per mile

(b) 1976 & 1977: (1) Hydrocarbons - 0.9 grams per mile
(2) Carbon Monoxide - 17 grams per mile
(3) Oxides of Nitrogen (NO_2) - 2.0 grams per mile

Standards shown in subdivision (a) above shall apply to "limited-production" light duty trucks. Definition of "limited-production" shall be the same as in Section 1955.

The test procedures for determining compliance with subdivisions (a) and (b) of these standards are set forth in "California Exhaust Emission Standards and Test Procedures for 1975 and Subsequent Model Gasoline-Powered Passenger Cars and Light Duty Trucks" adopted by the Air Resources Board, ~~February 13, 1974, as amended March 13, August 8, and December 11, 1974.~~ February 19, 1975.

"Light-duty truck" means any motor vehicle, rated at 6,000 pounds gross vehicle weight or less, which is designed primarily for purposes of transportation of property or is a derivative of such a vehicle, or is available with special features enabling off-street or off-highway operation and use.

1956. Exhaust Emission Standards and Test Procedures -- 1973 and Subsequent Heavy-Duty Gasoline-Powered Vehicles.

Exhaust emissions from new 1973 and 1974 model-year gasoline-powered engines for use in heavy-duty motor vehicles (6,001 pounds and over, manufacturer's maximum gross vehicle weight) shall not exceed:

(a) (1) Hydrocarbons plus oxides of nitrogen (as NO_2) - 16 grams per brake horsepower hour
(2) Carbon monoxide - 40 grams per brake horsepower hour

The test procedures for determining compliance with these standards are set forth in "California Exhaust Emission Standards, Test and Approval Procedures for 1973 and Subsequent Model-Year Engines in Gasoline-Powered Motor Vehicles Over 6,001 Pounds Gross Vehicle Weight", dated February 17, 1971, amended January 19, 1972.

In accordance with this section, as originally enacted, new 1973 model-year heavy-duty vehicles must contain 1973 model-year engines. In subsequent years, model-year engine controls, not model-year vehicle.

Exhaust emissions from new 1975 and 1976 model-year gasoline-powered engines for use in heavy-duty motor vehicles (over 6,000 pounds, manufacturer's maximum gross vehicle weight) shall not exceed:

(b) (1) Hydrocarbons plus oxides of nitrogen (as NO_2) - 10 grams per brake horsepower hour
(2) Carbon monoxide - 30 grams per brake horsepower hour

The test procedures for determining compliance with these standards are those set forth in "California Exhaust Emission Standards, Test and Approval Procedures for 1975 and Subsequent Model-Year Engines in Gasoline-Powered Motor Vehicles Over 6,000 Pounds Gross Vehicle Weight", dated December 19, 1973, amended June 12 and August 8, 1974.

Exhaust emissions from new 1977 and later model-year gasoline-powered engines for use in heavy duty motor vehicles (over 6,000 pounds, manufacturer's maximum gross vehicle weight) shall not exceed:

(c) (1) Hydrocarbons plus oxides of nitrogen (as NO_2) - 5 grams per brake horsepower hour
(2) Carbon monoxide - 25 grams per brake horsepower hour

The test procedures for determining compliance with these standards are those set forth in "California Exhaust Emission Standards, Test and Approval Procedures for 1975 and Subsequent Model-Year Engines in Gasoline-Powered Motor Vehicles Over 6,000 Pounds Gross Vehicle Weight", dated ~~December 19, 1973, amended June 12 and August 8, 1974.~~ February 19, 1975.