

State of California
AIR RESOURCES BOARD

Resolution 83-28

September 22, 1983

Agenda Item No. 83-14-1

WHEREAS, Section 39601 of the Health and Safety Code authorizes the Air Resources Board (the "Board") to adopt standards, rules, and regulations necessary for the proper execution of the powers and duties granted to and imposed upon the Board by law;

WHEREAS, Sections 43013 and 43101 of the Health and Safety Code authorize the Board to adopt vehicle emission standards in order to control air pollution caused by motor vehicles;

WHEREAS, Section 43104 of the Health and Safety Code directs the Board to adopt test procedures to determine whether new motor vehicles are in compliance with the emission standards adopted by the Board;

WHEREAS, Title 13, California Administrative Code, Section 1960.1 establishes 50,000-mile particulate exhaust emission standards for diesel-powered passenger cars, light-duty trucks, and medium-duty vehicles of 0.4 gram per mile (g/mi) for the 1985 model year, 0.2 g/mi for the 1986 through 1988 model years, and 0.08 g/mi for the 1989 and subsequent model years;

WHEREAS, Title 13, California Administrative Code, Section 1960.1(h) establishes and incorporates test procedures for determining compliance with the emission standards;

WHEREAS, the Board has recognized that some new or additional emission control technology may be needed by most 1986 model year diesel-powered passenger cars, light-duty trucks, and medium-duty vehicles to meet the 1986 0.2 g/mi particulate standard;

WHEREAS, the control technology presently being developed includes a trap oxidizer system which collects exhaust particulate and periodically or continually regenerates by oxidizing the trapped particulate;

WHEREAS, diesel-powered vehicle manufacturers have expressed concern that the current test procedure does not adequately account for emission increases which may occur during periodic regenerations but which, when weighted with non-regeneration emissions, may not exceed the emission standards;

WHEREAS, the California Environmental Quality Act and Board regulations require that no project having significant adverse environmental impacts be adopted as originally proposed if feasible alternatives or mitigation measures are available;

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 3.5);

WHEREAS, the Board finds that:

Trap oxidizer systems will be used for some 1986 and later model year diesel-powered passenger cars, light-duty trucks, and medium-duty vehicles to achieve compliance with the applicable particulate emission standards;

The periodic regeneration of a trap during an emission test under the current procedure could cause hydrocarbon and particulate emissions to exceed the applicable standards, even though the weighted regeneration and non-regeneration emissions may not exceed the standards;

The current test procedure does not specifically require testing periodic regeneration and non-regeneration emissions in the certification process and weighting the emissions accordingly;

The amendments to the test procedures and to Title 13, California Administrative Code, Section 1960.1(h) approved herein provide for the testing and weighting of periodic regeneration and non-regeneration emissions, therefore assuring emission results which are representative of the vehicle's useful life emissions characteristics;

The amendments adopted herein will have no significant adverse environmental impact;

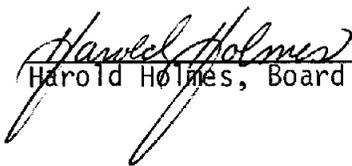
NOW, THEREFORE, BE IT RESOLVED that the Board hereby approves the amendments to Title 13, California Administrative Code, Section 1960.1(h) as set forth in Attachment A hereto.

BE IT FURTHER RESOLVED that the Board hereby approves the amendments to the "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles" as set forth in Attachment B hereto.

BE IT FURTHER RESOLVED that the Board directs the Executive Officer to adopt the amendments set forth in Attachments A and B after making them available to the public for a period of 15 days, provided, however, that the Executive Officer shall consider such written comments as may be submitted during this period, and shall present the regulations to the Board for further consideration if he determines that this is warranted in light of the written comments received.

BE IT FURTHER RESOLVED that the Board finds that the regulations and test procedures as amended herein, individually and in the aggregate with other California motor vehicle emission regulations, are at least as protective of public health and welfare as comparable federal regulations and are consistent with Section 202(a) of the federal Clean Air Act.

I hereby certify that this is a true and correct copy of Resolution 83-28 as adopted by the Air Resources Board.


Harold Holmes, Board Secretary

Memorandum

o : Gordon Van Vleck
Secretary
Resources Agency

Date : December 27, 1983

Subject: Filing of Notice of
Decisions of the Air
Resources Board

Harold Holmes
Harold Holmes
Board Secretary

From : Air Resources Board

Pursuant to Title 17, Section 60007 (b), and in compliance with Air Resources Board certification under section 21080.5 of the Public Resources Code, the Air Resources Board hereby forwards for posting the attached notice of decision and response to significant environmental comments raised during the comment period.

Attachments:

Resolution 83-28
Resolution 83-30
Resolution 83-32

FILED AND POSTED BY
OFFICE OF THE SECRETARY

DEC 28 1983

Resources Agency of California

State of California
AIR RESOURCES BOARD

Response to Significant Environmental Issues

Item: Public Hearing to Consider Amendments to Title 13, California Administrative Code, Section 1960.1, and Incorporated Test Procedures, Regarding Technical Changes to the Test Procedure for Diesel-Powered Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles Equipped with Periodically Regenerating Trap Oxidizer Systems

Agenda Item No.: 83-14-1

Public Hearing Date: September 22, 1983

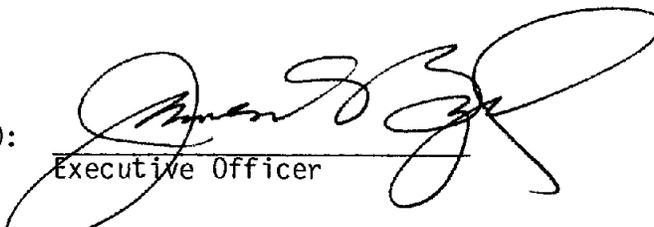
Response Date: October 31, 1983

Issuing Authority: Executive Officer

Comment: No comments were received identifying any significant environmental issues pertaining to this item. The staff report identified no significant adverse environmental effects.

Response: N/A

CERTIFIED:


Executive Officer

Date: January 5, 1984