

State of California  
AIR RESOURCES BOARD

Response to Significant Environmental Issues

Item: Public Hearing to Consider the Adoption of Amendments to Regulations Regarding Evaporative Emissions Standards, Test Procedures, and Durability Requirements Applicable to Passenger Cars, Light-Duty Trucks, Medium-Duty Vehicles and Heavy-Duty Vehicles

Agenda Item No.: 90-11-1

Public Hearing Date: August 9, 1990

Issuing Authority: Air Resources Board

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

Response: N/A

Certified:

*Judith M. Lounsbury*  
Judith M. Lounsbury  
Board Secretary

Date:

*June 6, 1991*

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RESOURCES AGENCY OF CALIFORNIA

State of California  
AIR RESOURCES BOARD

Resolution 90-50

August 9, 1990

Agenda Item No.: 90-11-01

WHEREAS, sections 39600 and 39601 of the Health and Safety Code authorize the Air Resources Board (the "Board") to adopt standards, rules and regulations and to do such acts as may be necessary for the proper execution of the powers and duties granted to and imposed upon the Board by law;

WHEREAS, in section 43000 of the Health and Safety Code, the Legislature has declared that the emission of air pollutants from motor vehicles is the primary cause of air pollution in many parts of the State and, in sections 39002 and 39003 of the Health and Safety Code, has charged the Board with the responsibility for systematically attacking the serious air pollution problem caused by motor vehicles;

WHEREAS, in section 43000.5 of the Health and Safety Code, the Legislature has declared that the attainment and maintenance of the state air quality standards will necessitate the achievement of substantial reductions in new vehicle emissions and substantial improvements in the durability of vehicle emissions systems;

WHEREAS, sections 43013, 43101, and 43104 of the Health and Safety Code authorize the Board to adopt emission standards and test procedures to control air pollution caused by motor vehicles;

WHEREAS, section 43018 of the Health and Safety Code directs the Board to endeavor to achieve the maximum degree of emission reduction from vehicular sources to accomplish the attainment of state ambient air quality standards by the earliest practicable date, including, by July 1, 1992, taking whatever actions are necessary, cost-effective and technologically feasible to achieve a reduction in emission of reactive organic gases (hydrocarbons) of at least 55 percent from motor vehicles (based on emissions in 1987) by December 31, 2000;

WHEREAS, section 39667 of the Health and Safety Code directs the Board to consider the revision of emission standards for vehicular sources to achieve the maximum possible reduction in public exposure to toxic air contaminants and specifies that standards for new motor vehicles shall be based on the most advanced technology feasible;

WHEREAS, section 43018 further provides that the Board shall take action to achieve the maximum feasible reduction in toxic air contaminants from vehicular sources;

WHEREAS, in section 93000, Title 17, California Code of Regulations ("CCR"), the Board has identified benzene, a compound emitted by motor vehicles, as a toxic air contaminant pursuant to Health and Safety Code section 39650 et seq.;

WHEREAS, the Board has adopted Title 13, California Code of Regulations, Section 1976 and the incorporated "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Liquefied Petroleum Gas- or Gasoline- or Methanol-Fueled Motor Vehicles;"

WHEREAS, the staff has proposed amendments to section 1976, Title 13, CCR, and the document incorporated by reference therein, which would establish a modified evaporative emissions test procedure for those vehicles subject to such testing;

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

WHEREAS, a public hearing and other administrative proceedings have been held in accordance with the provisions of Chapter 3.5 (commencing with Section 11340), Part 1, Division 3, Title 2 of the Government Code;

WHEREAS, the Board finds that:

Attainment of State and federal ozone standards is possible only with substantial reductions in emissions of hydrocarbons and oxides of nitrogen;

Vehicle evaporative emissions are a significant source of hydrocarbons;

The proposed test procedures will accurately measure motor vehicle evaporative emissions under all operating conditions and at typical temperatures and will ensure that evaporative emissions are reduced to the lowest levels achievable;

The proposed running loss standard will ensure that evaporative emissions during vehicle use are reduced to the lowest feasible level;

Extended durability testing to 100,000 miles for passenger cars and light-duty trucks and 120,000 miles for medium and heavy-duty vehicles will result in substantial improvements in the durability and performance of evaporative emission control systems;

Phasing in implementation of the proposed standards and test procedures over a period of four years, from 1995 to 1998, inclusive, will provide sufficient lead time to enable manufacturers to build or modify evaporative emission test facilities to comply with the new requirements;

The proposed evaporative emission standards and test procedures are technologically feasible and cost effective;

The revised evaporative emission standards and certification test procedures will result in reductions in benzene;

The proposed evaporative emission standards and test procedures will not have any adverse effect on the environment.

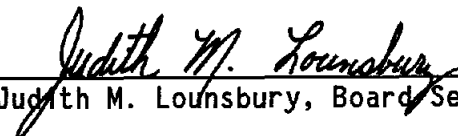
NOW, THEREFORE, BE IT RESOLVED that the Board hereby approves the amendments to Title 13, CCR, section 1976, and the document incorporated by reference therein as set forth in Appendices A and B hereto.

BE IT FURTHER RESOLVED that the Board direct the Executive Officer to adopt the amendments set forth in Appendices A and B after making them available to the public for a period of 15 days, and with such modifications as may be appropriate in light of written comments submitted during this period, provided that the Executive Officer 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 hereby determines that the amendments adopted herein will not cause the California emission standards, in the aggregate, to be less protective of public health and welfare than applicable federal standards, will not cause the California requirements to be inconsistent with section 202(a) of the Clean Air Act, and raise no new issues affecting previous waiver determinations of the Administrator of the Environmental Protection Agency pursuant to section 209(b) of the Clean Air Act.

BE IT FURTHER RESOLVED that the Executive Officer shall, upon adoption, forward the amendments to the Environmental Protection Agency with a request for a waiver or confirmation that the amendments are within the scope of an existing waiver of federal preemption pursuant to section 209(b) of the Clean Air Act, as appropriate.

I hereby certify that the above is a true and correct copy of Resolution 90-50, as adopted by the Air Resources Board.

  
Judith M. Lounsbury, Board Secretary