

State of California  
AIR RESOURCES BOARD

Resolution 80-24

May 22, 1980

WHEREAS, Section 39601 of the Health and Safety Code authorizes the Air Resources 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 43101 and 43104 of the Health and Safety Code authorize the Board to adopt vehicle emission standards and test procedures in order to control or eliminate air pollution caused by motor vehicles;

WHEREAS, the Environmental Protection Agency recently promulgated new heavy-duty engine gaseous emission regulations to be implemented beginning in 1984 based upon transient test cycle procedures;

WHEREAS, the heavy-duty engine manufacturers are preparing to make substantial changes to their testing facilities in order to comply with the new federal heavy-duty emission regulations;

WHEREAS, the manufacturers' facilities changeover activities may result in reduced capacity to certify a complete line of heavy-duty engines for California in 1983;

WHEREAS, extending the 1980 heavy-duty emission standards to include 1983 would reduce the manufacturers' burden during the transition period and would avoid adversely affecting California heavy-duty truck sales;

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

WHEREAS, the Board finds that the 1980 California certified heavy-duty engine families are on the average close to meeting the more stringent 1983 standards based on actual certification data;

WHEREAS, the Board has quantified the air quality impacts of the proposed action and finds that such impacts are minimal and that feasible mitigation measures are not available;

WHEREAS, the Board finds that the proposed standards are more stringent than applicable federal standards;

WHEREAS, the Board finds that imposition of currently adopted 1983 heavy-duty standards would result in a one model year recertification and therefore would not be cost effective;

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 Board hereby amends Section 1956.7, Article 2, Subchapter 1, Chapter 3 of Title 13, California Administrative Code as follows:

Amend Subsection (a) to read:

- (a) The exhaust emissions from new 1981 and subsequent model heavy-duty engines, except engines used in medium-duty vehicles, shall not exceed:

Exhaust Emissions Standards  
(grams per brake-horsepower-hour)

Model Year	Hydrocarbons	Carbon Monoxide	Hydrocarbons plus Oxides of Nitrogen (NOx)
1981-1983 OR*	1.0	25 25	6.0 5
1982 OR*	1.0	25 25	6.0 5
1983 1984 and subsequent	0.5	25	4.5

\*The two sets of standards for each model year are alternatives. A manufacturer has this option for each engine family of showing compliance with either set. Separate deterioration factors shall be established, where applicable, for HC, CO, NOx and/or the combined emissions of HC and NOx.

BE IT FURTHER RESOLVED, that the Board hereby adopts the "California Exhaust Emission Standards and Test Procedures for 1982 and Subsequent Model Heavy-Duty Engines and Vehicles," adopted October 5, 1976, amended April 23, 1980, and as last amended May 22, 1980.

BE IT FURTHER RESOLVED, that the Board hereby determines that the exhaust emission standards adopted herein are, in the aggregate, at least as protective of public health and welfare as applicable federal standards.

I certify that the above is a true and correct copy of Resolution 80-24 as passed by the Air Resources Board.

*Lizama R. Percin*  
for Board Secretary

# Memorandum

: Huey D. Johnson  
Secretary  
Resources Agency

Date : June 6, 1980

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

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 environmental comments raised during the comment period.



Diana Pencin  
Acting Board Secretary

Attachments  
Resolution 80-24

State of California  
AIR RESOURCES BOARD

Response to Significant Environmental Issues

Item: Extension of California's 1980 Heavy-Duty Engine and Vehicle  
Exhaust Emission Standards Through the 1983 Model Year.

Public Hearing Date: May 22, 1980

Response Date: May 22, 1980

Issuing Authority: Air Resources Board

Comment: None raised.

Response: None

CERTIFIED:

William R. Pennington  
for Board Secretary

Date:

June 6, 1980