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Resources Agency of California

State of California
AIR RESOURCES BOARD

Resolution 80-40

July 23, 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, Section 43107 of the Health and Safety Code authorizes the Board to adopt emission standards and test procedures in order to control or eliminate air pollution caused by motorcycles;

WHEREAS, the motorcycle manufacturers have petitioned the Board to consider amending the 1982 1.0 gram per kilometer hydrocarbon exhaust emission standard;

WHEREAS, the Air Resources Board staff has conducted a series of confidential workshops with the manufacturers in order to assess the Motorcycle industry's progress toward meeting the 1.0 g/Km HC standard;

WHEREAS, the Board finds that the 1.0 g/Km HC standard for Class I and II motorcycles is technologically feasible and cost effective for 1982;

WHEREAS, the Board finds that implementing the 1.0 g/Km hydrocarbon standard in 1982 for Class I and II motorcycles will not create a economic burden on the motorcycle manufacturers, or significantly disrupt the availability of smaller displacement motorcycles in the California market in 1982;

WHEREAS, the Board finds that implementing a 1.0 g/Km hydrocarbon standard for Class III motorcycles in 1982 will create an economic and technological hardship on the industry which may result in an economic disruption of the California motorcycle market;

WHEREAS, the Board finds that for Class III motorcycles an exhaust emission standard of 2.5 g/Km HC for the 1982 and 1983 model years will be attainable by the industry, allow the manufacturers more time to develop emission control systems to meet more stringent standards, and prevent economic disruptions and burdens on the marketplace;

WHEREAS, the Board finds that there may be a need to provide an exhaust emission standard for small volume manufacturers of up to 5.0 g/Km HC for 1982 model year Class I and II motorcycles, provided that such manufacturers develop emission control technology to meet more stringent standards in the future;

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 has quantified the air quality impacts by 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, 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 1958, Article 2, Subchapter 1, Chapter 3 of Title 13, California Administrative Code as follows:

Amend Subsection (b) to read:

(b) Exhaust emissions from new street-use motorcycles, subject to registration and sold and registered in this state, shall not exceed:

Exhaust Emission Standards
(grams per kilometer)

Model-Year	Engine Displacement (in cubic centimeters)	Hydrocarbon	Carbon Monoxide
1978 to 1979	50 to less than 170	5.0	17
	170 to less than 750	5.0 + 0.0155 (D-170)*	17
	750 or greater	14	17
1980 to 1981	All (50 cc or larger)	5.0	12
1982 and Subsequent	All (50 cc ~~or larger~~ to 279 cc)	1.0	12
1982 and 1983	280 cc or greater	2.5	12
1984 and Subsequent	280 cc or greater	1.0	12

* D = engine displacement of motorcycles in cubic centimeter

Amend Subsection (f) to read:

~~(f) In the event that the federal test procedures referred to in paragraph (c) are found to be invalid or unenforceable, the "California Exhaust Emission Standards and Test Procedures for 1978 and Subsequent Production Motorcycles", as amended February 20, 1976, shall govern, except that the motorcycles to which such test procedures apply shall be those defined in subparagraph (a). In the event that only a portion of the federal test procedures are found to be invalid or unenforceable, then the equivalent portion of the California test procedures shall govern.~~

(f) Motorcycle manufacturers shall submit directly to the Executive Officer a complete copy of the application for certification for 1982 and subsequent model years. In the test procedures referred to in subsection (c) the word "Administrator": means Executive Officer of the Air Resources Board.

BE IT FURTHER RESOLVED AND ORDERED, that the Executive Officer be delegated the authority to set an exhaust emission standard of up to 5.0 grams per kilometer for 1982 only. This standard shall be applicable only to small volume manufacturers defined as one which sells less than three thousand (3000) new units per year in the State of California.

BE IT FURTHER RESOLVED AND ORDERED, that the Executive Officer be delegated the authority to incorporate changes to the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles" to provide an alternative evaporative emission control system durability testing requirement for motorcycles when the evaporative and exhaust emission standard changes do not coincide. This requirement shall be consistent with the automobile durability testing requirements.

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 80-40, as adopted by the Air Resources Board.

Sally Rump

BOARD SECRETARY

State of California

Memorandum

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Office of the Secretary

OCT 20 1980

Resources Agency of California

To : Huey D. Johnson
Secretary
Resources Agency
1416 - 9th Street
Sacramento, CA 95814

Date : July 1, 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.

Sally Rump

Sally Rump
BOARD SECRETARY

att: Resolution 80-40

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Resources Agency of California

State of California
AIR RESOURCES BOARD

Response to Significant Environmental Issues

Item: Response to the Motorcycle Manufacturers' Petition Requesting the Board Reevaluate the 1.0 Gram per Kilometer Exhaust Emissions Standard for 1982 and Subsequent Model Year Motorcycles

Public Hearing Dates: June 26, 1980 and July 23, 1980

Response Date: June 26, 1980

Issuing Authority: Air Resources Board

Comment: None

Response: None

CERTIFIED: Sally Rump
Board Secretary

Date: 6/26/80