

State of California
AIR RESOURCES BOARD

CALIFORNIA EXHAUST EMISSION STANDARDS AND TEST PROCEDURES FOR
CERTIFICATION AND INSTALLATION PROCEDURES FOR SYSTEMS DESIGNED TO
CONVERT OFF-ROAD VEHICLES, ENGINES, AND EQUIPMENT TO USE
ALTERNATIVE FUELS

Adopted: ~~November 19, 1998~~ October 1, 1999

NOTE: The following document is printed in a style to indicate changes from the originally proposed provisions. All originally proposed language is indicated by plain type. The modifications presented in Mail-Out MSC 99-23 are shown in underline to indicate additions and ~~strikeout~~ to indicate deletions. The second set of modifications presented in Mail-Out MSC 00-02 are shown in double underline to indicate proposed additional text, and ~~bold strikeout~~ to indicate proposed deleted text. The third set of modifications presented in this mail-out are shown in **bold italicized underline** to indicate proposed additional text, and in ~~***bold italicized strikeout***~~ to indicate proposed deleted text. All proposed modifications will be made available to the public for a 15-day comment period. Only comments relating to the modifications described in this third notice will be considered by the Executive Officer.

~~CALIFORNIA EXHAUST EMISSION STANDARDS AND TEST PROCEDURES
CERTIFICATION AND INSTALLATION PROCEDURES FOR SYSTEMS DESIGNED TO
CONVERT OFF-ROAD VEHICLES, ENGINES, AND EQUIPMENT CERTIFIED FOR 1995
AND LATER MODEL ENGINES TO USE ALTERNATIVE FUELS~~

III. APPLICATION FOR APPROVAL

C. An application for approval shall include the following:

1) Identification and description of the vehicle/engine/equipment in each vehicle or equipment category and engine displacement ranges for which approval is requested. The applicable off-road categories are:

- i. Small Off-Road Engines and Equipment
- ii. Off-Road Diesel Engines and Equipment
- iii. Off-Highway Recreational Vehicles and Engines
- iv. ~~Gasoline~~ Spark-Ignition Marine Engines
- v. *Off-Road Large Spark-Ignition Engines*

V. TEST PROCEDURES AND STANDARDS

A. Test Procedures

2) Test Procedures for Off-Road Diesel Engines and Equipment

ii) For greater than or equal to 50 horsepower and less than 175 horsepower:

~~“Emission Standards and Certification Provisions”, Code of Federal Regulations, Part 40, Section 89.112-96 and 89.113-96 and “Emission Test Equipment Provisions” and “Exhaust Emission Test Procedures”, Part 40, Section 89, Subparts D and E.~~

The exhaust emission standards and test procedures specified in Appendix ~~C~~ A of these procedures, which is incorporated by reference herein.