

APPENDIX Q

PROPOSED TEST PROCEDURES

Recreational Marine Spark-Ignition Engines

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State of California
AIR RESOURCES BOARD

CALIFORNIA EXHAUST EMISSION STANDARDS AND TEST PROCEDURES
FOR 2001 AND LATER SPARK-IGNITION MARINE ENGINES

Adopted: October 21, 1999

Amended: June 5, 2002

Amended: September 22, 2006

Amended: June 5, 2009

Last Amended: <insert date of amendment>

NOTE: This document is printed in a style to indicate changes from the existing provisions. All existing language is indicated by plain type. All additions to language are indicated by underlined text. All deletions to language are indicated by strikeout. Only those sections containing the suggested modifications from the existing language are included. All other portions remain unchanged and are indicated by the symbol “* * * * *” for reference.

CALIFORNIA EXHAUST EMISSION STANDARDS AND TEST PROCEDURES
FOR 2001 AND LATER SPARK-IGNITION MARINE ENGINES

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Part III. Emission Test Equipment Provisions.

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44. Lubricating Oil and Test Fuel.

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(b) Test fuels – certification.

(1) Petroleum-based fuels.

(i) The manufacturer must use gasoline having the specifications or substantially equivalent specifications approved by the Executive Officer, as specified in Table 8-1 below for exhaust emission testing of gasoline fueled engines. As an alternative, the manufacturer may use the fuel specifications as outlined in the California Code of Regulations, Title 13, section 1960.1, and the latest amendment of the “California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles”, incorporated herein by reference. The test fuel specification in either case should remain consistent from batch to batch. The specification range of the fuel to be used under this paragraph must be reported in accordance with Part I, section 14(b)(2)(vi).

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(ii) Additionally for the 2013-2018 model-year spark-ignition marine engines, the manufacturer has the option to use the fuel specified in (b)(2) below.

(2) For 2019 and later model-year spark-ignition marine engines: The certification test fuel for exhaust emission testing must be consistent with the fuel specifications as outlined in title 13, section 1961.2 and the “California Exhaust Emission Standards and Test Procedures for 2015 and Subsequent Model Passenger Cars, Light Duty Trucks, and Medium Duty Vehicles,” adopted <insert adopted date>, and incorporated by reference herein. The test fuel specifications should remain consistent from batch to batch.

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