

APPENDIX X

15-Day Modifications to the Original Proposal

Title 13 California Code of Regulations

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

NOTE: This appendix shows staff's proposed modifications to the regulatory amendments adopted by the Air Resources Board on December 16, 2011, in accordance with Resolution 11-41. All existing regulatory language is indicated by plain type. Staff's originally proposed additions to the regulatory language, as specified in Appendix Q to the Initial Statement of Reasons, are shown in underlined text and staff's originally proposed deletions are shown in ~~strikeout~~. Staff's incorporation of proposed modifications to the original proposal, as described in Attachment G of Resolution 11-41 and via conforming modifications thereof, and as directed by the Board on December 16, 2011, are shown in double underlined text to indicate additions and ~~double-strikeout~~ text to indicate deletions. Only these double underlined and ~~double-strikeout~~ modifications are subject to comment during this comment period. "*** **" are provided for reference to indicate portions of the existing regulations for which amendments were not proposed in the original proposal and for which modifications are also not proposed with this Notice of Modified Text.

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.

~~(#A)~~ 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)~~(iv)~~FG.

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(#B) Additionally for the 2013-~~2018~~2019 model-year spark-ignition marine engines, the manufacturer has the option to use the fuel specified in (b)(~~21~~)(C) below.

(~~2C~~) For ~~2019~~2020 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 2015 and Subsequent Model Criteria Pollutant Exhaust Emission Standards and Test Procedures

for 2015 and 2017 and Subsequent Model Greenhouse Gas Exhaust Emission Standards and Test Procedures for 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. The specification range of the fuel to be used under this paragraph must be reported in accordance with Part I, section 14(b)(2)G. Optionally, manufacturers may use other renewable fuel blends under this paragraph that have been certified by ARB as yielding test results equivalent, or more stringent than, those resulting from the fuel specified by 13 CCR 1961.2, and which are appropriate for the certification of spark-ignition marine engines.

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