

APPENDIX III

15-Day Modifications to the Original Proposal

Title 13 California Code of Regulations

CALIFORNIA REGULATIONS FOR THE VERIFICATION PROCEDURE, WARRANTY, AND IN-USE COMPLIANCE REQUIREMENTS FOR RETROFITS TO CONTROL EMISSIONS FROM OFF-ROAD LARGE SPARK-IGNITION 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 D of the Staff Report: 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 15-day 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.

Amend sections 2783 and 2784, title 13 California Code of Regulations, to read as follows:

§ 2783. Emissions Reduction Testing Requirements.

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(d) Test Fuel.

(1) The test fuel used shall be consistent with the fuel specifications as outlined in the “California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium- Duty Vehicles,” as incorporated by reference in section 1961(d). If the engine is tested using the U.S. EPA test fuel, as outlined in 40 CFR Part 1065, the manufacturer shall demonstrate that the emission results are consistent with these Test Procedures.

(2) Gasoline-fueled, large spark-ignition engines that are tested during the 2013-2018 2019 calendar years have the option of using the test fuel referenced in section 2783(d)(3) for demonstrating exhaust emission compliance with the requirements of this section.

(3) Gasoline-fueled, large spark-ignition engines that are tested during 20192020 and later calendar years must be exhaust emission tested using a test fuel-~~must~~ that is 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 date of adoption>, and incorporated by reference herein. The test fuel specifications should remain consistent from batch to batch. 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 large spark-ignition engines.

~~(2)~~(4) During all engine tests, the engine shall employ lubricating oil consistent with the engine manufacturer's specifications for that particular engine. These specifications shall be recorded and declared in the verification application.

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NOTE: Authority cited: Sections 39002, 39003, 39500, 39600, 39601, 39650-39675, 40000, 43000, 43000.5, 43011, 43013, 43018, 43105, 43600 and 43700, Health and Safety Code. Reference: Sections: 43000, 43009.5, 43013, 43018, 43101, 43104, 43105, 43106, 43107, 43204, 43205 and 43205.5, Health and Safety Code.

§ 2784. Durability Demonstration Requirements.

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(c) Test Fuel.

(1) Except as outlined in (2), ~~the~~ test fuel used shall be consistent with the fuel specifications as outlined in the “California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium- Duty Vehicles,” as incorporated by reference in section 1961(d). If the engine is tested using the U.S. EPA test fuel, as outlined in 40 CFR Part 1065, the manufacturer shall demonstrate that the emission results are consistent with ARB Test Procedures. Manufacturers can use “commercially available fuels” to accumulate service hours but emission testing must be conducted using test fuel as specified in this section.

(2) Gasoline-fueled, large spark-ignition engines that are tested during the 2013-2018 2019 calendar years have the option of using the test fuel referenced in section 2784(c)(3) for demonstrating exhaust emission compliance with the requirements of this section.

(3) Gasoline-fueled, large spark-ignition engines that are tested during 20192020 and later calendar years must be exhaust emission tested using a test fuel ~~must~~ that is 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 date of adoption>, and incorporated by reference herein. The test fuel specifications should remain consistent from batch to batch. 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 large spark-ignition engines.

~~(2)~~(4) During all engine tests, the engine shall employ lubricating oil consistent with the engine manufacturer's specifications for that particular engine. These specifications shall be recorded and declared in the verification application.

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NOTE: Authority cited: Sections: 39002, 39003, 39500, 39600, 39601, 39650-39675, 40000, 43000, 43000.5, 43011, 43013, 43018, 43105, 43600 and 43700, Health and Safety Code. Reference: Sections: 43000, 43009.5, 43013, 43018, 43101, 43104, 43105, 43106, 43107, 43204, 43205 and 43205.5, Health and Safety Code.