PART 8

FINAL REGULATION ORDER TEST PROCEDURES

Part I – E (Part 1065)

(2011 and Later Model Years)

Tier 4 Off-Road Compression-Ignition Engines



FINAL REGULATION ORDER TEST PROCEDURES

NOTE: This appendix shows the entirety of regulatory amendments to the test procedures titled below, which were approved by the Air Resources Board on December 16, 2011, and refined via subsequent conforming modifications authorized under Resolution 11-41. Incorporated by reference into these test procedures are portions of 40 Code of Federal Regulations (CFR) Part 1065, Subparts A, B, C, D, E, F, G, H, I, J, and K, as amended June 28, 2011, and the subparts of 40 CFR Part 60, 40 CFR Part 85, 40 CFR Part 86, 40 CFR Part 89, 40 CFR Part 92, and 40 CFR Part 1033 that are internally referenced within 40 CFR Part 1065. Sections that have been included in their entirety are set forth with the section number and title. California provisions that replace specific federal language provisions are denoted by the words "DELETE" for the federal language and "REPLACE WITH" or "ADD" for the California language. The notation [* * * * *] or [...] means that the remainder of the CFR text for a specific section is not shown in these procedures but has been incorporated by reference, with only the printed text changed. CFR sections that are not listed are not part of the test procedures. If there is any conflict between the provisions of this document and the California Health and Safety Code, Division 26, or Title 13 of the California Code of Regulations (CCR), the Health and Safety Code and Title 13 apply.

This document is all newly adopted text.



State of California AIR RESOURCES BOARD

California Exhaust Emission Standards and Test Procedures for New 2011 and Later Tier 4 Off-Road Compression-Ignition Engines

PART I-E

Adopted: October 25, 2012

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CALIFORNIA EXHAUST EMISSION STANDARDS AND TEST PROCEDURES FOR NEW 2011 AND LATER TIER 4 OFF-ROAD COMPRESSION-IGNITION ENGINES

The following provisions of Part 1065, Title 40, Code of Federal Regulations, as promulgated by the United States Environmental Protection Agency on the date listed, are adopted and incorporated herein by this reference for 2011 model year and later off-road compression-ignition engines as the California Exhaust Emission Standards and Test Procedures for New 2011 and Later Tier 4 Off-Road Compression-Ignition Engines, Part I-E, except as altered or replaced by the provisions set forth below.

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SOURCE: 76	6 FR 37977.	
Culp out A	Applicability and Caparal Provisions	
Subpart A –	Applicability and General Provisions	
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(a)(1)	DELETE,	
REPLACE WITH:		
(a)(1) Reserved.		
(a)(2)	DELETE,	
REPLACE WITH:		
(a)(2) Reserved.		

(a)(3)	DELETE,	
REPLACE V	WITH:	
	based off-road compression-ignition engines regulated under Title 13, CCR, Article 4, and subject to the emission standards in § 2423(b)(1)(B) of that	
(a)(4)	DELETE,	
REPLACE V	WITH:	
(a)(4) Reser	rved.	
(a)(5)	DELETE,	
REPLACE V	WITH:	
(a)(5) Reser	rved.	
(a)(6)	DELETE,	
REPLACE WITH:		
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(a)(7)	DELETE,	
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(a)(7) Reserved.		
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(a)(8) Reserved.		

(g) DELETE. § 1065.2 Submitting information to ARB under this part. § 1065.5 Overview of this part 1065 and its relationship to the standard-setting part. § 1065.10 Other procedures. § 1065.12 Approval of alternate procedures. § 1065.15 Overview of procedures for laboratory and field testing.

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§ 1065.695 Data requirements.
* * * *
Subpart H – Engine Fluids, Test Fuels, Analytical Gases and Other Calibration Standards
§ 1065.701 General requirements for test fuels.
* * * *
(b) DELETE,
REPLACE WITH:
With Executive Officer approval, the certifying entity may use other test fuels so long as they do not affect the demonstration of compliance.
* * * *
§ 1065.703 Distillate diesel fuel.
* * * *
ADD:
(d) The Executive Officer may allow other fuel specifications, such as California diesel fuel, so long as they do not affect the demonstration of compliance.
§ 1065.705 Residual and intermediate residual fuel.
* * * *

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Subpart K – Definitions and Other Reference Information

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ADD:

<u>40 CFR part 1039</u> or <u>Part 1039</u> means Part 1039 and applicable subparts of the California Exhaust Emission Standards and Test Procedures for New 2011 and Later Tier 4 Off-Road Compression-Ignition Engines, PART I-D, when referenced in unrevised (i.e., "****") sections. When referenced in revised sections, the term 40 CFR part 1039 refers to the federal regulations of the same title, last amended on June 28, 2011.

ADD:

40 CFR part 1065 or Part 1065 means Part 1065 and applicable subparts of the California Exhaust Emission Standards and Test Procedures for New 2011 and Later Tier 4 Off-Road Compression-Ignition Engines, PART I-E, when referenced in

unrevised (i.e., "****") sections. When referenced in revised sections, the term 40 CFR part 1065 refers to the federal regulations of the same title, last amended on June 28, 2011.

ADD:

40 CFR part 1068 or Part 1068 means Part 1068 and applicable subparts of the California Exhaust Emission Standards and Test Procedures for New 2011 and Later Tier 4 Off-Road Compression-Ignition Engines, PART I-F, when referenced in

unrevised (i.e., "****") sections. When referenced in revised sections, the term 40 CFR part 1068 refers to the federal regulations of the same title, last amended on June 28, 2011.

* * * * *

<u>Designated Compliance Officer</u> DELETE.

REPLACE WITH	EPLACE	: *************************************
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<u>Designated Compliance Officer</u> means the Executive Officer of the Air Resources Board, or a designee of the Executive Officer.

* * * * *

ADD:

ADDENDUM: The definitions in §1039.801 of the California Exhaust Emission Standards and Test Procedures for New 2011 and Later Tier 4 Off-Road Compression-Ignition Engines, PART I-D, apply.

§ 1065.1005 Symbols, abbreviations, acronyms, and units of measure.

* * * * *

§ 1065.1010 Reference materials.