

## § 1066.1

## 40 CFR Ch. I (7–1–13 Edition)

1066.430 Performing emission tests

### Subpart F—Hybrids

1066.501 Overview.

### Subpart G—Calculations

1066.601 Overview.

1066.610 Mass-based and molar-based exhaust emission calculations.

### Subpart H—Definitions and Other Reference Material

1066.701 Definitions.

1066.705 Symbols, abbreviations, acronyms, and units of measure.

1066.710 Reference materials.

AUTHORITY: 42 U.S.C. 7401–7671q.

SOURCE: 76 FR 57470, Sept. 15, 2011, unless otherwise noted.

## Subpart A—Applicability and General Provisions

### § 1066.1 Applicability.

(a) This part describes the procedures that apply to testing we require for the following vehicles:

(1) Model year 2014 and later heavy-duty highway vehicles we regulate under 40 CFR part 1037 that are not subject to chassis testing for exhaust emissions under 40 CFR part 86.

(2) [Reserved]

(b) The procedures of this part may apply to other types of vehicles, as described in this part and in the standard-setting part.

(c) The term “you” means anyone performing testing under this part other than EPA.

(1) This part is addressed primarily to manufacturers of vehicles, but it applies equally to anyone who does testing under this part for such manufacturers.

(2) This part applies to any manufacturer or supplier of test equipment, instruments, supplies, or any other goods or services related to the procedures, requirements, recommendations, or options in this part.

(d) Paragraph (a) of this section identifies the parts of the CFR that define emission standards and other requirements for particular types of vehicles. In this part, we refer to each of these other parts generically as the “standard-setting part.” For example, 40 CFR

part 1037 is the standard-setting part for heavy-duty highway vehicles.

(e) Unless we specify otherwise, the terms “procedures” and “test procedures” in this part include all aspects of vehicle testing, including the equipment specifications, calibrations, calculations, and other protocols and procedural specifications needed to measure emissions.

(f) For additional information regarding these test procedures, visit our Web site at <http://www.epa.gov>, and in particular <http://www.epa.gov/nvfel/testing/regulations.htm>.

### § 1066.2 Submitting information to EPA under this part.

(a) You are responsible for statements and information in your applications for certification, requests for approved procedures, selective enforcement audits, laboratory audits, production-line test reports, field test reports, or any other statements you make to us related to this part 1066. If you provide statements or information to someone for submission to EPA, you are responsible for these statements and information as if you had submitted them to EPA yourself.

(b) In the standard-setting part and in 40 CFR 1068.101, we describe your obligation to report truthful and complete information and the consequences of failing to meet this obligation. See also 18 U.S.C. 1001 and 42 U.S.C. 7413(c)(2). This obligation applies whether you submit this information directly to EPA or through someone else.

(c) We may void any certificates or approvals associated with a submission of information if we find that you intentionally submitted false, incomplete, or misleading information. For example, if we find that you intentionally submitted incomplete information to mislead EPA when requesting approval to use alternate test procedures, we may void the certificates for all engine families certified based on emission data collected using the alternate procedures. This would also apply if you ignore data from incomplete tests or from repeat tests with higher emission results.

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(d) We may require an authorized representative of your company to approve and sign the submission, and to certify that all the information submitted is accurate and complete. This includes everyone who submits information, including manufacturers and others.

(e) See 40 CFR 1068.10 for provisions related to confidential information. Note however that under 40 CFR 2.301, emission data is generally not eligible for confidential treatment.

(f) Nothing in this part should be interpreted to limit our ability under Clean Air Act section 208 (42 U.S.C. 7542) to verify that vehicles conform to the regulations.

**§ 1066.5 Overview of this part 1066 and its relationship to the standard-setting part.**

(a) This part specifies procedures that can apply generally to testing various categories of vehicles. See the standard-setting part for directions in applying specific provisions in this part for a particular type of vehicle. Before using this part's procedures, read the standard-setting part to answer at least the following questions:

- (1) What drive schedules must I use for testing?
- (2) Should I warm up the test vehicle before measuring emissions, or do I need to measure cold-start emissions during a warm-up segment of the duty cycle?
- (3) Which exhaust constituents do I need to measure? Measure all exhaust constituents that are subject to emission standards, any other exhaust constituents needed for calculating emission rates, and any additional exhaust

constituents as specified in the standard-setting part. We may approve your request to omit measurement of N<sub>2</sub>O and CH<sub>4</sub> for a vehicle, provided it is not subject to an N<sub>2</sub>O or CH<sub>4</sub> emission standard and we determine that other information is available to give us a reasonable basis for estimating or approximating the vehicle's emission rates.

- (4) Do any unique specifications apply for test fuels?
  - (5) What maintenance steps may I take before or between tests on an emission-data vehicle?
  - (6) Do any unique requirements apply to stabilizing emission levels on a new vehicle?
  - (7) Do any unique requirements apply to test limits, such as ambient temperatures or pressures?
  - (8) Is field testing required or allowed, and are there different emission standards or procedures that apply to field testing?
  - (9) Are there any emission standards specified at particular operating conditions or ambient conditions?
  - (10) Do any unique requirements apply for durability testing?
- (b) The testing specifications in the standard-setting part may differ from the specifications in this part. In cases where it is not possible to comply with both the standard-setting part and this part, you must comply with the specifications in the standard-setting part. The standard-setting part may also allow you to deviate from the procedures of this part for other reasons.
- (c) The following table shows how this part divides testing specifications into subparts:

TABLE 1 OF § 1066.5—DESCRIPTION OF PART 1066 SUBPARTS

This subpart	Describes these specifications or procedures
Subpart A .....	Applicability and general provisions.
Subpart B .....	Equipment for testing.
Subpart C .....	Dynamometer specifications.
Subpart D .....	Coastdowns for testing.
Subpart E .....	How to prepare your vehicle and run an emission test.
Subpart F .....	How to test hybrid vehicles.
Subpart G .....	Test procedure calculations.
Subpart H .....	Definitions and reference material.