
40 C.F.R. § 1065.905

General provisions.

- (a) *General.* Unless the standard-setting part specifies deviations from the provisions of this subpart, field testing and laboratory testing with PEMS must conform to the provisions of this subpart. Use good engineering judgment when testing with PEMS to ensure proper function of the instruments under test conditions. For example, this may require additional maintenance or calibration for field testing or may require verification after moving the PEMS unit.
- (b) *Field-testing scope.* Field testing conducted under this subpart may include any normal in-use operation of an engine.
- (c) *Field testing and the standard-setting part.* This subpart J specifies procedures for field-testing various categories of engines. See the standard-setting part for specific provisions for a particular type of engine. Before using this subpart's procedures for field testing, read the standard-setting part to answer at least the following questions:
- (1) How many engines must I test in the field?
 - (2) How many times must I repeat a field test on an individual engine?
 - (3) How do I select vehicles for field testing?
 - (4) What maintenance steps may I take before or between tests?
 - (5) What data are needed for a single field test on an individual engine?
 - (6) What are the limits on ambient conditions for field testing? Note that the ambient condition limits in § 1065.520 do not apply for field testing. Field testing may occur at any ambient temperature, pressure, and humidity unless otherwise specified in the standard-setting part.
 - (7) Which exhaust constituents do I need to measure?
 - (8) How do I account for crankcase emissions?
 - (9) Which engine and ambient parameters do I need to measure?
 - (10) How do I process the data recorded during field testing to determine if my engine meets field-testing standards? How do I determine individual test intervals? Note that “test interval” is defined in subpart K of this part 1065.

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