

## Pt. 86, Subpt. S, App. I

paragraph (d) of this section shall report, for each model year and separately for passenger automobiles and light trucks, all test results and data required for calculating such credits.

[77 FR 63175, Oct. 15, 2012]

### APPENDIX I TO SUBPART S OF PART 86— VEHICLE PROCUREMENT METHODOLOGY

I. *Test Sampling:* The master owner list will be obtained from manufacturer records or owner registration lists. The list shall include all vehicle configurations of the target reality check test group within the selected mailing area. The mailing area shall be within a radius of at least 20 miles from the test site.

II. *Selection Guidelines:* The manufacturer or their representative shall make a reasonable effort to contact potential participants. Solicitation letters will be sent to potential participants in the order of their appearance on a randomized master owner list. The manufacturer or their representative shall perform the following steps:

(a) The manufacturer or their representative shall mail solicitation letters in batches. The size of each batch is at least five times the required number of vehicles to be tested for the group that year. First class mail shall be used.

(b) If the response rate is less than 20% after two to four weeks, the manufacturer or their representative shall make one more attempt and send a new solicitation package to the potential participants who have not yet responded.

(c) A telephone questionnaire will be conducted on a random selection of returned, positive-response postcards.

(d) If the required number of vehicles is not obtained, additional solicitation letters shall be sent to the next batch of potential participants in the order of their appearance on a randomized master owner list until the required number of vehicles are procured.

(e) Alternative selection methods may be used with advanced approval from the Administrator.

III. *Vehicles Not Available:* Vehicles may not be available or will not be pursued for procurement for the following reasons:

(a) The potential participant response indicates “not willing to participate.”

(b) The customer has moved out of the area.

(c) The solicitation letter is undeliverable.

(d) The customer did not respond after two attempts.

(e) The vehicle is not in the appropriate mileage or age category.

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### APPENDIX II TO SUBPART S OF PART 86— AS-RECEIVED TESTING VEHICLE REJECTION CRITERIA

1. The odometer is inoperative, has been replaced, or the indicated mileage is outside the target range.

2. The emission system of the vehicle has been obviously tampered or the vehicle has been operated on leaded fuel. A manufacturer may request a vehicle be rejected because of the addition of an aftermarket security system if the manufacturer establishes that the installation would make that vehicle's emissions unrepresentative.

3. The vehicle has been used for severe duty (trailer towing for passenger cars, snow plowing, racing)

4. The vehicle has a history of extensive collision damage or major engine repair (piston, crank, cylinder head, engine block).

5. The vehicle exhibits ominous noises or serious fluid leaks from the engine or transmission, a modified exhaust system, (headers, side pipes, aftermarket catalysts, etc) or an exhaust system with an audible leak.

6. Testing the vehicle could endanger the safety of the vehicle, test facility, or individuals conducting the testing.

7. The MIL light is flashing (severe misfire indication).

8. Other items with prior agency approval.

### APPENDIX III TO SUBPART S OF PART 86—AS-RECEIVED INSPECTION

Items to be recorded at time of Initial Inspection of Vehicle—

1. Date of Inspection
3. Test Group
4. Evaporative/refueling Family
5. Vehicle model
6. Odometer Reading
7. Build Date
8. MIL light on/off status
9. Readiness code status
10. Stored OBD codes
11. Any conditions referenced in appendix II to this subpart which result in vehicle being rejected from program.

## Subpart T—Manufacturer-Run In-Use Testing Program for Heavy-Duty Diesel Engines

SOURCE: 70 FR 34619, June 14, 2005, unless otherwise noted.

### § 86.1901 What testing requirements apply to my engines that have gone into service?

(a) If you manufacture diesel heavy-duty engines above 8,500 lbs. GVWR

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that are subject to engine-based exhaust emission standards under this part, you must test them as described in this subpart. You must measure all emissions listed in § 86.1910(d) other than PM beginning in calendar year 2005 and you must measure PM emissions beginning in calendar year 2007. See § 86.1930 for special provisions that may apply to manufacturers in the early years of this program.

(b) We may void your certificate of conformity for an engine family if you do not meet your obligations under this subpart. We may also void individual tests and require you to retest those vehicles or take other appropriate measures in instances where you have not performed the testing in accordance with the requirements described in this subpart.

(c) In this subpart, the term "you" refers to the certificate-holder for any engines subject to the requirements of this subpart.

(d) In this subpart, *round* means to round numbers according to NIST Special Publication 811 (incorporated by reference in § 86.1).

[70 FR 34619, June 14, 2005, as amended at 75 FR 68459, Nov. 8, 2010]

**§ 86.1905 How does this program work?**

(a) You must test in-use engines from the families we select. We may select the following number of engine families for testing, except as specified in paragraph (b) of this section:

(1) We may select up to 25 percent of your engine families in any calendar year, calculated by dividing the number of engine families you certified in the model year corresponding to the calendar year by four and rounding to the nearest whole number. We will consider only engine families with annual U.S.-directed production volumes above 1,500 units in calculating the number of engine families subject to testing each calendar year under the annual 25 percent engine family limit. In addition, for model year 2007 through 2009, identical engine families that are split into two subfamilies under § 86.007-15(m)(9) will count as only one engine family. If you have only three or fewer families that each exceed an annual U.S.-directed produc-

tion volume of 1,500 units, or if you have no engine families above this limit, we may select one engine family per calendar year for testing.

(2) Over any four-year period, we will not select more than the average number of engine families that you have certified over that four-year period (the model year when the selection is made and the preceding three model years), based on rounding the average value to the nearest whole number.

(b) If there is clear evidence of a nonconformity with regard to an engine family, we may select that engine family without counting it as a selected engine family under paragraph (a) of this section. We will consult with you in reaching a conclusion whether clear evidence of a nonconformity exists for any engine family. In general, there is clear evidence of a nonconformity regarding an engine family under this subpart in any of the following cases:

(1) The engine family was not remedied but is a carry-over from an engine family you tested under this subpart and was subsequently remedied based at least in part on the Phase 1 or Phase 2 testing outcomes described in § 86.1915.

(2) The engine family was not remedied but is a carry-over from an engine family that was remedied based on an EPA in-use testing program.

(c) We may select any individual engine family for testing, regardless of its production volume, as long as we do not select more than the number of engine families described in paragraph (a) of this section. We may select an engine family from the current model year or any previous model year, except that we will not select any engine families from model years before 2007 beginning in the following calendar years:

(1) 2007 for all emissions testing other than PM testing.

(2) 2011 for PM testing.

(d) You must complete all the required testing and reporting under this subpart within 18 months after we direct you to test a particular engine family. We will typically select engine families for testing and notify you in writing by June 30 of the applicable calendar year. You may ask for up to six months longer to complete Phase 2