

§ 86.1863-07

40 CFR Ch. I (7-1-04 Edition)

manufacturer concerned an opportunity for a hearing conducted in accordance with § 86.614 for light-duty vehicles or § 86.1014 for light-duty trucks and, if a manufacturer requests such a hearing, will be made only after an initial decision by the Presiding Officer.

[65 FR 6869, Feb. 10, 2000]

§ 86.1863-07 Optional chassis certification for diesel vehicles.

(a) A manufacturer may optionally certify heavy-duty diesel vehicles weighing 14,000 pounds GVWR or less, to the standards specified in § 86.1816-08. Such vehicles must meet all requirements of Subpart S of this part that are applicable to Otto-cycle vehicles, except for evaporative, refueling, and OBD requirements where the diesel specific OBD requirements would apply.

(b) For OBD, diesel vehicles optionally certified under this section are subject to the OBD requirements of § 86.1806-05.

(c) Diesel vehicles optionally certified under this section may be tested using the test fuels, sampling systems, or analytical systems specified for diesel engines in Subpart N of this part.

(d) Diesel vehicles optionally certified under this section may not be included in any averaging, banking, or trading program.

(e) The provisions of § 86.004-40 apply to the engines in vehicles certified under this section.

(f) Diesel vehicles may be certified under this section to the standards applicable to model year 2008 prior to model year 2008.

(g) Diesel vehicles optionally certified under this section in model years 2007, 2008, or 2009 shall be included in phase-in calculations specified in § 86.007-11(g).

[66 FR 5193, Jan. 18, 2001, as amended at 68 FR 35801, June 17, 2003]

**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 with-

in 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.

**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)

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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 AA—Reporting and Recordkeeping Requirements for Part 86

§ 86.2500 Reporting and recordkeeping requirements.

All reporting and recordkeeping requirements contained in part 86, except for those requirements contained in subparts G and K, have been approved by the Office of Management and Budget under control number 2060-0104.

(Secs. 202, 203, 206, 207, 208, 301a, Clean Air Act, as amended; 42 U.S.C. 7521, 7522, 7525, 7541, 7542, 7601a)

[50 FR 10648, Mar. 15, 1985]

APPENDIX I TO PART 86—URBAN DYNAMOMETER SCHEDULES

(a) EPA Urban Dynamometer Driving Schedule for Light-Duty Vehicles and Light-Duty Trucks.

EPA URBAN DYNAMOMETER DRIVING SCHEDULE
[Speed versus Time Sequence]

Time (sec.)	Speed (m.p.h.)	Time (sec.)	Speed (m.p.h.)	Time (sec.)	Speed (m.p.h.)
0	0.0	1	0.0	2	0.0
3	0.0	4	0.0	5	0.0
6	0.0	7	0.0	8	0.0
9	0.0	10	0.0	11	0.0
12	0.0	13	0.0	14	0.0
15	0.0	16	0.0	17	0.0
18	0.0	19	0.0	20	0.0
21	3.0	22	5.9	23	8.6
24	11.5	25	14.3	26	16.9
27	17.3	28	18.1	29	20.7
30	21.7	31	22.4	32	22.5
33	22.1	34	21.5	35	20.9
36	20.4	37	19.8	38	17.0
39	14.9	40	14.9	41	15.2
42	15.5	43	16.0	44	17.1
45	19.1	46	21.1	47	22.7
48	22.9	49	22.7	50	22.6
51	21.3	52	19.0	53	17.1
54	15.8	55	15.8	56	17.7
57	19.8	58	21.6	59	23.2
60	24.2	61	24.6	62	24.9
63	25.0	64	24.6	65	24.5
66	24.7	67	24.8	68	24.7
69	24.6	70	24.6	71	25.1
72	25.6	73	25.7	74	25.4
75	24.9	76	25.0	77	25.4
78	26.0	79	26.0	80	25.7
81	26.1	82	26.7	83	27.5
84	28.6	85	29.3	86	29.8
87	30.1	88	30.4	89	30.7
90	30.7	91	30.5	92	30.4
93	30.3	94	30.4	95	30.8
96	30.4	97	29.9	98	29.5
99	29.8	100	30.3	101	30.7
102	30.9	103	31.0	104	30.9
105	30.4	106	29.8	107	29.9
108	30.2	109	30.7	110	31.2
111	31.8	112	32.2	113	32.4
114	32.2	115	31.7	116	28.6
117	25.3	118	22.0	119	18.7
120	15.4	121	12.1	122	8.8
123	5.5	124	2.2	125	0.0
126	0.0	127	0.0	128	0.0
129	0.0	130	0.0	131	0.0
132	0.0	133	0.0	134	0.0
135	0.0	136	0.0	137	0.0
138	0.0	139	0.0	140	0.0
141	0.0	142	0.0	143	0.0
144	0.0	145	0.0	146	0.0
147	0.0	148	0.0	149	0.0
150	0.0	151	0.0	152	0.0
153	0.0	154	0.0	155	0.0
156	0.0	157	0.0	158	0.0
159	0.0	160	0.0	161	0.0
162	0.0	163	0.0	164	3.3
165	6.6	166	9.9	167	13.2
168	16.5	169	19.8	170	22.2
171	24.3	172	25.8	173	26.4
174	25.7	175	25.1	176	24.7
177	25.0	178	25.2	179	25.4
180	25.8	181	27.2	182	26.5
183	24.0	184	22.7	185	19.4
186	17.7	187	17.2	188	18.1
189	18.6	190	20.0	191	22.2
192	24.5	193	27.3	194	30.5
195	33.5	196	36.2	197	37.3
198	39.3	199	40.5	200	42.1
201	43.5	202	45.1	203	46.0
204	46.8	205	47.5	206	47.5