

Environmental Protection Agency

§ 1037.105

(7) No more than 40 percent of the subconfigurations tested in your final CO₂ submission may be represented by ADCs.

(8) Keep the following records for at least five years, and show them to us if we ask to see them:

- (i) The pool of tests.
 - (ii) The vehicle description and tests chosen as the baseline and the basis for the selection.
 - (iii) The target ADC subconfiguration.
 - (iv) The calculated emission rates.
- (9) We may perform or order a confirmatory test of any subconfiguration covered by an ADC.

(10) Where we determine that you did not fully comply with the provisions of this paragraph (g), we may require that you comply based on actual test data and that you recalculate your fleet-average emission rate.

(h) *Applicability of part 1037 provisions.* Except as specified in this section, the requirements of this part do not apply to vehicles certified to the standards of this section. The following provisions are the only provisions of this part that apply to vehicles certified under this section:

- (1) The provisions of this section.
- (2) The evaporative and refueling emission standards in §1037.103.
- (3) The air conditioning standards in §1037.115.
- (4) The interim provisions of §1037.150(a), (b), (c), (e)–(i), (l), and (m).
- (5) The definitions of §1037.801, to the extent such terms are used relative to vehicles subject to standards under this section.

[76 FR 57398, Sept. 15, 2011, as amended at 78 FR 49964, Aug. 16, 2013; 78 FR 56171, Sept. 12, 2013; 79 FR 23750, Apr. 28, 2014]

§ 1037.105 Exhaust emission standards for CO₂ for vocational vehicles.

(a) The standards of this section apply for the following vehicles:

- (1) Vehicles above 14,000 pounds GVWR and at or below 26,000 pounds GVWR, but not certified to the vehicle standards §1037.104.
- (2) Vehicles above 26,000 pounds GVWR that are not tractors.
- (3) Vocational tractors.
- (4) Vehicles at or below 14,000 pounds GVWR that are excluded from the

standards in §1037.104 under §1037.104 (f) or use engines certified under §1037.150(m).

(b) The CO₂ standards of this section are given in Table 1 to this section. The provisions of §1037.241 specify how to comply with these standards.

TABLE 1 TO § 1037.105—CO₂ STANDARDS FOR VOCATIONAL VEHICLES

GVWR (pounds)	CO ₂ standard (g/ton-mile) for model years 2014–2016	CO ₂ standard (g/ton-mile) for model year 2017 and later
GVWR ≤19,500	388	373
19,500 <GVWR ≤33,000 ...	234	225
33,000 <GVWR	226	222

(c) No CH₄ or N₂O standards apply under this section. See 40 CFR part 1036 for CH₄ or N₂O standards that apply to engines used in these vehicles.

(d) You may generate or use emission credits under the ABT program as described in subpart H of this part. This requires that you specify a Family Emission Limit (FEL) for CO₂ for each vehicle subfamily. The FEL may not be less than the result of emission modeling from §1037.520. These FELs serve as the emission standards for the vehicle subfamily instead of the standards specified in paragraph (b) of this section.

(e) Your vehicles must meet the exhaust emission standards of this section throughout their full useful life, expressed in service miles or calendar years, whichever comes first. The following useful life values apply for the standards of this section:

- (1) 110,000 miles or 10 years, whichever comes first, for vehicles at or below 19,500 pounds GVWR.
- (2) 185,000 miles or 10 years, whichever comes first, for vehicles above 19,500 pounds GVWR and at or below 33,000 pounds GVWR.
- (3) 435,000 miles or 10 years, whichever comes first, for vehicles above 33,000 pounds GVWR.

(f) See §1037.631 for provisions that exempt certain vehicles used in off-road operation from the standards of this section.

(g) You may optionally certify a vocational vehicle to the standards and useful life applicable to a higher vehicle service class (such as medium heavy-duty instead of light heavy-

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duty), provided you do not generate credits with the vehicle. If you include smaller vehicles in a credit-generating subfamily (with an FEL below the standard), exclude its production volume from the credit calculation.

§ 1037.106 Exhaust emission standards for CO₂ for tractors above 26,000 pounds GVWR.

(a) The CO₂ standards of this section apply for tractors above 26,000 pounds

GVWR. Note that the standards of this section do not apply for vehicles classified as “vocational tractors” under § 1037.630.

(b) The CO₂ standards for tractors above 26,000 pounds GVWR are given in Table 1 to this section. The provisions of § 1037.241 specify how to comply with these standards.

TABLE 1 TO § 1037.106—CO₂ STANDARDS FOR TRACTORS ABOVE 26,000 POUNDS GVWR

GVWR (pounds)	Sub-category	CO ₂ standard (g/ton-mile) for model years 2014–2016	CO ₂ standard (g/ton-mile) for model year 2017 and later
26,000 <GVWR ≤33,000	Low-Roof (all cab styles)	107	104
	Mid-Roof (all cab styles)	119	115
	High-Roof (all cab styles)	124	120
GVWR >33,000	Low-Roof Day Cab	81	80
	Low-Roof Sleeper Cab	68	66
	Mid-Roof Day Cab	88	86
	Mid-Roof Sleeper Cab	76	73
	High-Roof Day Cab	92	89
	High-Roof Sleeper Cab	75	72

(c) No CH₄ or N₂O standards apply under this section. See 40 CFR part 1036 for CH₄ or N₂O standards that apply to engines used in these vehicles.

(d) You may generate or use emission credits under the ABT program, as described in subpart H of this part. This requires that you specify a Family Emission Limit (FEL) for each pollutant you include in the ABT program for each vehicle subfamily. The FEL may not be less than the result of emission modeling from § 1037.520. These FELs serve as the emission standards for the specific vehicle subfamily instead of the standards specified in paragraph (a) of this section.

(e) Your vehicles must meet the exhaust emission standards of this section throughout their full useful life, expressed in service miles or calendar years, whichever comes first. The following useful life values apply for the standards of this section:

(1) 185,000 miles or 10 years, whichever comes first, for vehicles at or below 33,000 pounds GVWR.

(2) 435,000 miles or 10 years, whichever comes first, for vehicles above 33,000 pounds GVWR.

(f) You may optionally certify a tractor to the standards and useful life ap-

plicable to a higher vehicle service class (such as heavy heavy-duty instead of medium heavy-duty), provided you do not generate credits with the vehicle. If you include smaller vehicles in a credit-generating subfamily (with an FEL below the standard), exclude its production volume from the credit calculation.

§ 1037.115 Other requirements.

Vehicles required to meet the emission standards of this part must meet the following additional requirements, except as noted elsewhere in this part:

(a) *Adjustable parameters.* Vehicles that have adjustable parameters must meet all the requirements of this part for any adjustment in the physically adjustable range. We may require that you set adjustable parameters to any specification within the adjustable range during any testing. See 40 CFR part 86 for information related to determining whether or not an operating parameter is considered adjustable. You must ensure safe vehicle operation throughout the physically adjustable range of each adjustable parameter, including consideration of production tolerances. Note that adjustable roof