

40 C.F.R. § 1037.105

CO2 emission standards for vocational vehicles.

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

- (1) Heavy-duty vehicles at or below 14,000 pounds GVWR that are excluded from the standards in 40 CFR 86.1819 or that use engines certified under § 1037.150(m).
- (2) Vehicles above 14,000 pounds GVWR and at or below 26,000 pounds GVWR, but not certified to the vehicle standards in 40 CFR 86.1819.
- (3) Vehicles above 26,000 pounds GVWR that are not tractors.
- (4) Vocational tractors.

(b) CO₂ standards in this paragraph (b) apply based on modeling and testing as specified in subpart F of this part. The provisions of § 1037.241 specify how to comply with these standards. Standards differ based on engine cycle, vehicle size, and intended vehicle duty cycle. See § 1037.510(c) to determine which duty cycle applies.

(1) Model year 2027 and later vehicles are subject to CO₂ standards corresponding to the selected subcategories as shown in the following table:

Table 1 of § 1037.105—Phase 2 CO₂ Standards for Model Year 2027 and Later Vocational Vehicles

[g/ton-mile]

| Engine cycle | Vehicle size | Multi-purpose | Regional | Urban |
|----------------------|--------------|---------------|----------|-------|
| Compression-ignition | Light HDV | 330 | 291 | 367 |
| Compression-ignition | Medium HDV | 235 | 218 | 258 |
| Compression-ignition | Heavy HDV | 230 | 189 | 269 |
| Spark-ignition | Light HDV | 372 | 319 | 413 |
| Spark-ignition | Medium HDV | 268 | 247 | 297 |

(2) Model year 2024 through 2026 vehicles are subject to CO₂ standards corresponding to the selected subcategories as shown in the following table:

Table 2 of § 1037.105—Phase 2 CO₂ Standards for Model Year 2024 Through 2026 Vocational Vehicles

[g/ton-mile]

| Engine cycle | Vehicle size | Multi-purpose | Regional | Urban |
|----------------------|--------------|---------------|----------|-------|
| Compression-ignition | Light HDV | 344 | 296 | 385 |
| Compression-ignition | Medium HDV | 246 | 221 | 271 |
| Compression-ignition | Heavy HDV | 242 | 194 | 283 |
| Spark-ignition | Light HDV | 385 | 324 | 432 |
| Spark-ignition | Medium HDV | 279 | 251 | 310 |

(3) Model year 2021 Through 2023 vehicles are subject to CO₂ standards corresponding to the selected subcategories as shown in the following table:

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