

Environmental Protection Agency

§ 86.087-38

engine code, inertia weight, transmission configuration, and axle ratio within a base level.

[48 FR 1455, Jan. 12, 1983, as amended at 59 FR 50073, Sept. 30, 1994; 62 FR 31233, June 6, 1997]

EFFECTIVE DATE NOTE: At 62 FR 31233, June 6, 1997, §86.085-37 was amended by revising paragraph (b)(1) introductory text, effective Aug. 5, 1997. That text contains information collection and recordkeeping requirements and will not become effective until approval has been given by the Office of Management and Budget.

§ 86.087-2 Definitions.

Composite particulate standard for a manufacturer which elects to average diesel light-duty vehicles and diesel light-duty trucks with a loaded vehicle weight equal to or less than 3,750 lbs (LDDT1s) together in the particulate averaging program, means that standard calculated according to the following equation and rounded to the nearest hundredth gram per mile:

$$\frac{(\text{PROD}_{\text{LDV}})(\text{STD}_{\text{LDV}}) + (\text{PROD}_{\text{LDDT}^1})(\text{STD}_{\text{LDDT}^1})}{(\text{PROD}_{\text{LDV}}) + (\text{PROD}_{\text{LDDT}^1})} = \text{Manufacturer composite particulate standard}$$

Where:

PROD_{LDV} represents the manufacturer's total light-duty vehicle production for those engine families being included in the average for a given model year.

STD_{LDV} represents the light-duty vehicle particulate standard.

$\text{PROD}_{\text{LDDT}^1}$ represents the manufacturer's total diesel light-duty truck production for those engine families with a loaded vehicle weight equal to or less than 3,750 lbs which are being included in the average for a given model year.

$\text{STD}_{\text{LDDT}^1}$ represents the light-duty truck particulate standard for diesel light-duty trucks with a loaded vehicle weight equal to or less than 3,750 lbs.

Production-weighted average means the manufacturer's production-weighted average particulate emission level, for certification purposes, of all of its diesel engine families included in the particulate averaging program. It is calculated at the end of the model year by multiplying each family particulate emission limit by its respective production, summing these terms, and dividing the sum by the total production of the affected families. Those vehicles produced for sale in California or at high altitude shall each be averaged separately from those produced for sale in any other area. Diesel light-duty trucks with a loaded vehicle weight equal to or greater than 3,751 lbs (LDDT2s) shall only be averaged with other diesel light-duty trucks with a loaded vehicle weight equal to or

greater than 3,751 lbs produced by that manufacturer.

[53 FR 43875, Oct. 31, 1988]

§ 86.087-38 Maintenance instructions.

(a) The manufacturer shall furnish or cause to be furnished to the purchaser of each new motor vehicle (or motor vehicle engine) subject to the standards prescribed in §86.087-8, §86.087-9, §86.087-10, or §86.087-11, as applicable, written instructions for the proper maintenance and use of the vehicle (or engine), by the purchaser consistent with the provisions of §86.087-25, which establishes what scheduled maintenance the Administrator approves as being reasonable and necessary. For light-duty vehicle manufacturers optionally complying with §86.087-25(a) for the 1987 model year, the Administrator approves any scheduled maintenance allowed by §86.087-25(a) as being reasonable and necessary.

(1) The maintenance instructions required by this section shall be in clear, and to the extent practicable, nontechnical language.

(2) The maintenance instructions required by this section shall contain a general description of the documentation which the manufacturer will require from the ultimate purchaser or any subsequent purchaser as evidence of compliance with the instructions.