

**Environmental Protection Agency**

**§ 86.087-38**

**§ 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<sub>LDV</sub> represents the manufacturer's total light-duty vehicle production for those engine families being included in the average for a given model year.

STD<sub>LDV</sub> represents the light-duty vehicle particulate standard.

PROD<sub>LDDT1</sub> 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.

STD<sub>LDDT1</sub> 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.

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**§ 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.

(b) Instructions provided to purchasers under paragraph (a) of this section shall specify the performance of all scheduled maintenance performed by the manufacturer on certification durability vehicles and, in cases where the manufacturer performs less maintenance on certification durability vehicles than the allowed limit, may specify the performance of any scheduled maintenance allowed under § 86.087-25 (or under § 86.085-25(a), for light-duty vehicle families optionally complying with that section for the 1987 model year).