

original instantaneous values to the appropriate equivalent optical path length values specified in the table. Convert the opacity values according to the following equations:

$$N_s = 100 \times (1 - (1 - N_m/100)^{L_s/L_m})$$

$L_m$  and  $L_s$  must use consistent units in the above equation

Where:

$N_m$ —Measured half-second value for conversion, percent opacity

$L_m$ —Measuring smokemeter optical path length, meters

$L_s$ —Standard optical path length corresponding with engine power, n

$N_s$ —Standard half-second value, percent opacity

(b) Average the 45 readings in § 86.884-13(d)(3) or the equivalent converted values from paragraph (a) of this section if appropriate, and designate the value as "A". This is the value for the engine acceleration mode.

(c) Average the 15 readings in § 86.884-13(d)(4) or the equivalent converted values from paragraph (a) of this section if appropriate, and designate the value as "B". This is the value for the engine lugging mode.

(d) Average the 9 readings in § 86.884-13(d)(5) or the equivalent converted values from paragraph (a) of this section if appropriate, and designate the value as "C". This is the value for the peaks in either mode.

(e)(1) If multiple smokemeters were used, the half-second values for each mode from each smokemeter shall be combined and the calculated average based upon the total number of combined values.

(2) For example, if two smokemeters were used for acceleration mode data, 45 half-second values in each data set from both smokemeters would be combined to form a data set of 90 values, which would then be averaged.

[62 FR 47123, Sept. 5, 1997]

### Subpart J—Fees for the Motor Vehicle and Engine Compliance Program

SOURCE: 57 FR 30055, July 7, 1992, unless otherwise noted.

### § 86.901-93 Abbreviations.

The abbreviations in this section apply to this subpart and have the following meanings:

CAFE—Corporate Average Fuel Economy,

Cal—California,

CPI—Consumer Price Index,

ESI—Engine System Information,

EPA—U.S. Environmental Protection Agency,

Fed—Federal,

HDE—Heavy-duty engine,

HDV—Heavy-duty vehicle,

ICI—Independent Commercial Importer,

LDV—Light-duty vehicle,

LDT—Light-duty truck,

MC—Motorcycle,

MVEPC—Motor Vehicle and Engine Compliance Program,

MY—Model Year,

OEM—Original equipment manufacturer,

SEA—Selective Enforcement Auditing.

### § 86.902-01 Definitions.

(a) The definitions in § 86.902-93 continue to apply to this subpart.

(b) The definitions in subparts A and S of this part apply to this subpart.

[64 FR 23922, May 4, 1999]

### § 86.902-93 Definitions.

*California-only certificate* is a Certificate of Conformity issued by EPA which only signifies compliance with the emission standards established by California.

*Certification request* means a manufacturer's request for certification evidence by the submission of an application for certification, ESI data sheet, or ICI Carryover data sheet.

*Engine-system combination* as defined in 40 CFR 86.082-2, means an engine family-exhaust emission control system combination.

*Federal certificate* is a Certificate of Conformity issued by EPA which signifies compliance with emission standards in 40 CFR part 86, subpart A.

*Fuel economy basic engine* means a unique combination of manufacturer, engine displacement, number of cylinders, fuel system, catalyst usage, and other characteristics specified by the Administrator.

*Filing form* means the MVECP Fee Filing Form to be sent with payment of the MVECP fee.