
40 C.F.R. § 86.1860-17

How to comply with the Tier 3 and Tier 4 fleet average standards.

- (a) You must show that you meet the applicable Tier 3 fleet average NMOG+NO_x standards from §§ 86.1811-17 and 86.1816-18, the Tier 3 fleet average evaporative emission standards from § 86.1813-17, and the Tier 4 fleet average NMOG+NO_x standards from § 86.1811-27 as described in this section. Note that separate fleet average calculations are required for Tier 3 FTP and SFTP exhaust emission standards under § 86.1811-17.
- (b) Calculate your fleet average value for each model year for all vehicle models subject to a separate fleet average standard using the following equation, rounded to the nearest 0.001 g/mile for NMOG+NO_x emissions and the nearest 0.001 g/test for evaporative emissions:

Equation 1 to Paragraph (b)

$$\text{Fleet average value} = \frac{\sum_{i=1}^b (N_i \cdot FEL_i)}{N_{\text{total}}}$$

Where: i = A counter associated with each separate test group or evaporative family. b = The number of separate test groups or evaporative families from a given averaging set to which you certify your vehicles. N_i = The actual nationwide sales for the model year for test group or evaporative family i . Include allowances for evaporative emissions as described in § 86.1813. FEL_i = The FEL selected for test group or evaporative family i . Disregard any separate standards that apply for in-use testing or for testing under high-altitude conditions. N_{total} = The actual nationwide sales for the model year for all vehicles from the averaging set, except as described in paragraph (c) of this section. The pool of vehicle models included in N_{total} may vary by model year, and it may be different for evaporative standards, FTP exhaust standards, and SFTP exhaust standards in a given model year.

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