§ 600.207–12 Calculation and use of vehicle-specific 5-cycle-based fuel economy and CO\textsubscript{2} emission values for vehicle configurations.

(a) Fuel economy and CO\textsubscript{2} emission values determined for each vehicle under §600.114 and as approved in §600.008(c), are used to determine vehicle-specific 5-cycle city and highway fuel economy and CO\textsubscript{2} emission values for each vehicle configuration for which data are available.

(1) If only one set of 5-cycle city and highway fuel economy and CO\textsubscript{2} emission values is accepted for a vehicle configuration, these values, where fuel economy is rounded to the nearest 0.0001 of a mile per gallon and the CO\textsubscript{2} emission value in grams per mile is rounded to the nearest tenth of a gram per mile, comprise the city and highway fuel economy and CO\textsubscript{2} emission values for that configuration.

(2) If more than one equivalent petroleum-based fuel economy value exists for an electric vehicle configuration, all values for that vehicle configuration are harmonically averaged and rounded to the nearest 0.0001 mile per gallon for that configuration.

(c) If more than one equivalent petroleum-based fuel economy value exists for an electric vehicle configuration, all values for that vehicle configuration are harmonically averaged and rounded to the nearest 0.0001 mile per gallon for that configuration.

(76 FR 39551, July 6, 2011)
§ 600.208–12 Calculation of FTP-based and HFET-based fuel economy, CO₂ emissions, and carbon-related exhaust emissions for a model type.

(a) Fuel economy, CO₂ emissions, and carbon-related exhaust emissions for a base level are calculated from vehicle configuration fuel economy, CO₂ emissions, and carbon-related exhaust emissions as determined in §600.206–12(a), (b), or (c) as applicable, for low-altitude tests.

(1) If the Administrator determines that automobiles intended for sale in the State of California and in section 177 states are likely to exhibit significant differences in fuel economy, CO₂ emissions, and carbon-related exhaust emissions from those intended for sale in other states, she will calculate fuel economy, CO₂ emissions, and carbon-related exhaust emissions for each base level for vehicles intended for sale in California and in section 177 states and for each base level for vehicles intended for sale in the rest of the states.

(2) In order to highlight the fuel efficiency, CO₂ emissions, and carbon-related exhaust emissions of certain designs otherwise included within a model type, a manufacturer may wish to subdivide a model type into one or more additional model types. This is accomplished by separating sub-configurations from an existing base level and placing them into a new base level. The new base level is identical to the existing base level except that it shall be considered, for the purposes of this paragraph, as containing a new basic engine. The manufacturer will be permitted to designate such new basic engines and base level(s) if:

(i) Each additional model type resulting from division of another model type has a unique car line name and that name appears on the label and on the vehicle bearing that label;

(ii) The subconfigurations included in the new base levels are not included in any other base level which differs only by basic engine (i.e., they are not included in the calculation of the original base level fuel economy values); and