

Appendix A

Definitions

“Advanced Technology Partial Zero Emission Vehicle” (AT PZEV) means any PZEV with an allowance greater than 0.2 before application of the PZEV early introduction phase-in multiplier. AT PZEVs are 90% cleaner than the average new car and have near-zero evaporative emissions. They also incorporate alternative fuel, gas electric, or other advanced technology. AT PZEVs must have a 15 year/150,000 mile warranty on the emission control system.

“Alternative Fuel” means;

- Mixtures containing 85 percent or more by volume of alcohol fuel, including methanol and denatured ethanol
- Natural gas (compressed or liquefied)
- Liquefied petroleum gas (propane)
- Hydrogen
- Fuels derived from biological materials
- Electricity (including electricity from solar energy)
- 100 percent Biodiesel (B100) or Renewable Diesel meeting ASTM D-975.
- Blends of two or more alternative fuels, for example, natural gas and hydrogen

“Alternative Fuel Vehicle” (AFV) means a vehicle fueled exclusively by alternative fuels (must be 100 percent alternative fuel use)

“Battery Electric Vehicle” (BEV) means any vehicle that operates solely by use of a battery, or that is powered primarily through the use of an electric battery but uses a flywheel or capacitor that also stores energy to assist in vehicle operation.

“Hybrid Electric Vehicle” (HEV) means any vehicle that can draw propulsion energy from both of the following on-vehicle sources of stored energy: 1) consumable fuel, and 2) an energy storage device such as a battery, capacitor, or flywheel.

“Light-duty truck” means any 2000 and subsequent model motor vehicle certified to the standards in section 1961(a)(1), Title 13, California Code of Regulations (CCR), rated at 8.5 thousand pounds gross vehicle weight or less, and any other motor vehicle rated at 6 thousand pounds gross vehicle weight or less, which is designed primarily for purposes of transportation of property or is a derivative of such a vehicle, or is available with special features enabling off-street or off-highway operation and use.

“Medium-duty passenger vehicle” means any medium-duty vehicle with a gross vehicle weight rating of less than 10 thousand pounds that is designed primarily for the transportation of persons. The medium-duty passenger vehicle definition does not include any vehicle which: 1) is an “incomplete truck”, i.e., is a truck that does not have the primary load carrying device or container attached; or 2) has a seating capacity of more than 12 persons; or 3) is designed for more than nine persons in seating rearward of the driver’s seat; or 4) is equipped with an open cargo area of 72.0 inches in interior length or more. A covered box not readily accessible from the passenger compartment will be considered an open cargo area, for purposes of this definition.

“Medium-duty vehicle” means any heavy-duty low-emission, ultra-low-emission, super-ultra-low-emission or zero-emission vehicle certified to the standards in Section 1961(a)(1) or 1962, Title 13, CCR, having a manufacturer's gross vehicle weight rating between 8,501 and 14,000 pounds.

“Neighborhood Electric Vehicle” (NEV) means a motor vehicle that meets the definition of “low-speed vehicle” either in section 385.5 of the Vehicle Code or in 49 CFR 571.500 (as it existed on July 1, 2000) and is certified to zero-emission vehicle standards

“Partial Zero Emission Vehicle” (PZEV) means any vehicle that is delivered for sale in California and that qualifies for a partial ZEV allowance of at least 0.2.

“Passenger car” means any motor vehicle designed primarily for transportation of persons and having a design capacity of twelve persons or less.

“Plug-in hybrid electric vehicle” (PHEV), (also known as a Grid-connected HEV or GHEV) means a hybrid electric vehicle which has:

- zero emission vehicle range capability,
- on-board electrical energy storage device with useful capacity equivalent to greater than or equal to ten miles of Urban Dynamometer Driving Schedule (UDDS) range on electricity alone,
- is equipped with an on-board charger, and is
- rechargeable from an external connection to an off-board electrical source.

Note: A light-duty PHEV must be ARB AT-PZEV certified.

“UDDS” means urban dynamometer driving schedule as set forth Appendix I of title 40, Code of Federal Regulations, Part 86.