| California Environmental Protection Agency<br>**Air Resources Board** | ALVAREZ ELECTRIC MOTORS COMPANY | **EXECUTIVE ORDER A-406-0001**<br>New Zero-Emission Vehicles in the Passenger Car, Light-Duty Truck, and Medium Duty Vehicle Classifications |
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Pursuant to the authority vested in the Air Resources Board by Health and Safety Code, Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516;

**IT IS ORDERED:** The following vehicles produced by the manufacturer are certified as zero-emission vehicles pursuant to 13 CCR 1962.1 and the incorporated test procedures. Production vehicles shall be in all material respects the same as those for which certification is granted.

| MODEL YEAR | TEST GROUP | EVAPORATIVE FAMILY (EVAP) | VEHICLE TYPE [1] | ZEV TIER [2] | FUEL TYPE [3] | VEHICLE MAKE & MODEL |
|---|---|---|---|---|---|---|
| 2012 | CAVZ000.0001 | * | PC | NEV | Pb-A | ECOCENTRE: Eco-E car<br>ECOCENTRE: EcoVan |
| | | | LDT <6000# GVWR, 0-3750# LVW | | | ECOCENTRE: EcoTruck |

**13 CCR abc**=Title 13, California Code of Regulations, Section **abc**; **HSC xyz**=Health and Safety Code Section **xyz**; * =not applicable

[1] **PC**=passenger car; **LDT**=light-duty truck; **MDV**=medium-duty vehicles; **#** =pounds; **LVW**=loaded vehicle weight; **ALVW**=adjusted loaded vehicle weight, alternately called **TW**=test weight; **GVWR**=gross vehicle weight rating

[2] **[13 CCR 1962.1(d)(5)(A)]** **ZEV**=zero-emission vehicle; **NEV**=neighborhood electric vehicle; **NEV+**= neighborhood electric vehicle meeting **13 CCR 1962.1(d)(5)(F)** specifications and requirements; **Type 0**; **Type I**; **Type I.5**; **Type II**; **Type III**; **Type IV**; **Type V**

[3] **Pb-A**=lead-acid battery; **NiCd**=nickel-cadmium battery; **NiMH**=nickel-metal hydride battery; **Li+**=lithium ion battery; **FCH2**=fuel cell consuming on-board stored hydrogen

**BE IT FURTHER RESOLVED:** The listed vehicle models shall not be equipped with any fuel-fired auxiliary power sources or heaters.

**BE IT FURTHER RESOLVED:** The listed vehicle models shall comply with 13 CCR 1965 (labeling).

**BE IT FURTHER RESOLVED:** The listed vehicle models shall be clearly labeled as "low-emission motor vehicle" pursuant to the requirements of HSC 43802(a).

**BE IT FURTHER RESOLVED:** Because the vehicles certified by this Executive Order have no parts that affect emissions for which there is an applicable emission requirement, the manufacturer is not required to provide an emission control system warranty pursuant to HSC 43205 or 13 CCR 2035 et seq.

**BE IT FURTHER RESOLVED:**
The test group listed in this Executive Order is certified conditionally on the manufacturer providing data to demonstrate compliance with California's greenhouse gas fleet average emission standard (CA GHG Standard) specified in Title 13, California Code of Regulations, (13 CCR) Section 1961.1 and the incorporated California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles, amended March 29, 2010 (CA Test Procedures). The manufacturer has elected, under 13 CCR Section 1961.1(a)(1)(A)(ii) and under Section E.2.5.1(ii) of the CA Test Procedures, to demonstrate compliance with the CA GHG Standard by demonstrating compliance with the National greenhouse gas program (National GHG Program). Therefore, the test group listed in this Executive Order is certified conditionally further on the manufacturer complying with the requirements specified in said provisions in 13 CCR, and Sections E.2.5.1(ii) and H.4.5(b) and H.4.5(c) of the CA Test Procedures (among other things, concerning data and information submission, timing, and format as specified by the Executive Officer). Failure to comply with the certification requirements to demonstrate compliance with CA GHG Standard by demonstrating compliance with the National GHG Program under said provisions in 13 CCR and CA Test Procedures may be cause for the Executive Officer to revoke the Executive Order. Vehicles in the revoked Executive Order shall be deemed uncertified and subject to penalties authorized under California law. Notwithstanding the requirement herein, a manufacturer that becomes, after MY2009, a large-volume manufacturer, as defined in 13 CCR Section 1900, is not required to comply with the CA GHG Standard until the beginning of the fourth model-year from becoming a large-volume manufacturer. Additionally, notwithstanding the requirement herein, a small-volume manufacturer, independent low-volume manufacturer, or intermediate volume-manufacturer, as defined in 13 CCR Section 1900, is not required to comply with CA GHG Standard during model-years (MY) 2012 through 2015.

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations.
The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this 13 day of September 2012.

Annette Hebert, Chief
Mobile Source Operations Division