



Pursuant to the authority vested in California Air Resources Board by Health and Safety Code Divisions 25.5 and 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-19-095;

**IT IS ORDERED AND RESOLVED:** The following zero-emission powertrains are certified as described below. Production zero-emission powertrains shall be in all material respects the same as those for which certification is granted.

**POWERTRAIN FAMILY INFORMATION:**

Model Year: 2023

Powertrain Family Name: PMCH4ELCP0X4

Powertrain Type: Battery-Electric

Intended Vehicle Service Class: GVWR > 33,000

**IT IS ORDERED AND RESOLVED:** For the listed powertrain models, the manufacturer has demonstrated certification compliance with the “California Standards and Test Procedures for New 2021 and Subsequent Model Heavy-Duty Zero-Emission Powertrains” adopted June 27, 2019 and is deemed to have zero exhaust emissions for any criteria pollutant or greenhouse gas pursuant to 13 CCR 1956.8(a)(8).

**BE IT FURTHER RESOLVED:** For the listed powertrain family, the manufacturer has submitted the materials to demonstrate certification compliance with the label and warranty requirements specified in the “California Standards and Test Procedures for New 2021 and Subsequent Model Heavy-Duty Zero-Emission Powertrains” adopted June 27, 2019.

Powertrains certified under this Executive Order must conform to all applicable California emission regulations.

Executed on this 28th day of December 2022.

Robin U. Lang, Chief  
Emissions Certification and Compliance Division

<u>Powertrain Make and Models:</u>	<u>Battery</u>			<u>Fuel Cell</u>			<u>Electric Motor</u>	
	<u>Type / Chemistry:</u>	<u>Usable Capacity (kW-hr):</u>	<u>Rated Capacity (kW-hr):</u>	<u>Tank Volume (gal):</u>	<u>Fuel Capacity (kg):</u>	<u>Pressure Capacity (psi):</u>	<u>Peak Power (kW):</u>	<u>Steady Power (kW):</u>
Motor Coach Industries X4-5s- 320	Li-ion	305.000	341.000	*	*	*	320	308
Motor Coach Industries X4-7s- 320	Li-ion	425.000	478.000	*	*	*	320	308