CALIFORNIA AIR RESOURCES BOARD	OPTIMAL ELECTRIC VEHICLES, LLC	EXECUTIVE ORDER A-482-0003 New Heavy-Duty Zero-Emission Powertrains

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: POPE4ELCPZEP

Powertrain Type: Battery-Electric

Intended Vehicle Service Class: 14,000 < GVWR ≤ 19,500

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 8th day of June 2023.

Robin U. Lang

Robin U. Lang, Chief
Emissions Certification and Compliance Division

Attachment 1 of 1:

Powertrain Family: POPE4ELCPZEP Date: 05/22/2023 EO: A-482-0003

Powertrain Make and Models:	Battery			Fuel Cell			Electric Motor	
	Type / Chemistry:	Usable Capacity (kW-hr):	Rated Capacity (kW-hr):	Tank Volume (gal):	Fuel Capacity (kg):	Pressure Capacity (psi):	Peak Power (kW):	Steady Power (kW):
Optimal ZEP1	Li-Ion (NMC)	101.370	112.633	*	*	*	266	190