



# Air Resources Board



**Matthew Rodriguez**  
Secretary for  
Environmental Protection

**Mary D. Nichols, Chairman**  
9480 Telstar Avenue, Suite 4  
El Monte, California 91731 • [www.arb.ca.gov](http://www.arb.ca.gov)

**Edmund G. Brown Jr.**  
Governor

October 7, 2014

Reference Number: CIHD-2014-029

Mr. Eric McCarthy  
Proterra  
1 Whitlee Court  
Greenville, SC 29607

Dear Mr. McCarthy,

This letter is in response to the request by Proterra to the Air Resources Board (ARB) to approve a 2015 model year heavy-duty electric vehicle manufactured by Proterra. The vehicle model is Proterra BE40 in engine family FPRT000.0BEB. This heavy-duty electric vehicle is designed as an urban bus and does not have any on-board fuel-fired heaters or auxiliary motors that would emit any vehicle exhaust emissions or fuel-based evaporative emissions.

ARB is required to certify all on-road vehicles. The certification protocol and test procedures for zero-emission heavy-duty vehicles (HD-ZEV) with gross vehicle weight rating (GVWR) above 14,000 pounds are in the development process. ARB encourages Proterra to participate in the regulatory process to formulate the certification protocols and test procedures for HD-ZEV. Prior to the finalization and adoption of HD-ZEV certification protocols and test procedures, heavy-duty electric vehicles may be approved for sale in California based on the manufacturer demonstrating that the vehicles do not emit any vehicle exhaust emissions or fuel-based evaporative emissions.

ARB has determined that the information submitted by Proterra demonstrates that the vehicle model listed above does not emit any vehicle exhaust emissions or fuel-based evaporative emissions. Therefore, this letter of approval allows the above listed vehicle model to be legal for sale in California.

If you have additional questions or comments regarding this matter, please contact Ms. Kimberly Pryor, Manager, Compression-Ignition and Heavy-Duty Certification Section, at 626-575-6640 or by email at [kpryor@arb.ca.gov](mailto:kpryor@arb.ca.gov).

Sincerely,

Annette Hebert, Chief  
Emissions Compliance, Automotive Regulations and Science Division

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.*

California Environmental Protection Agency