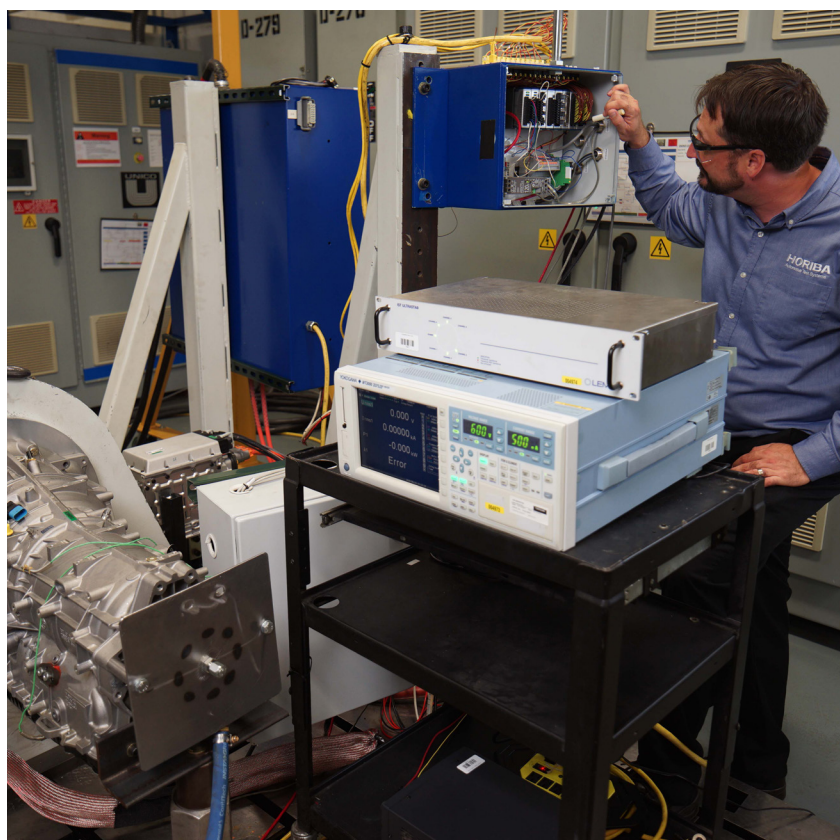


When a major OEM needed help with a complex global e-motor certification project, they came to HORIBA

Faced with difficult logistics and a very tight schedule, a large OEM looked to HORIBA for help certifying their new P1 and P2 e-motors to keep their product development and vehicle release on track.

The challenge? Comply with both European and Chinese certification standards which require witness testing despite an ongoing global pandemic that limited travel and physical access to testing facilities. The OEM needed a testing partner that could safely and accurately perform this set of certification tests regardless of these obstacles.

By leveraging our electrified vehicle testing expertise, our flexibility, and our global network we were able to meet the unique needs of this important customer and keep them on schedule.



Project Overview

Challenges

- The e-motors needed simultaneous certification to both European and Chinese standards to keep launch dates on track.
- While European certification could be conducted in North America, Chinese certification had to be conducted in China.
- At the time of testing, due to COVID-19 restrictions, there were a number of logistical issues that made it difficult to allow visitors onsite at the testing facility.

Solutions

- Coordination of certification testing between HORIBA facilities in North America and China. This streamlined information sharing and troubleshooting.
- In our China facility, we offered a testing partner fluent in technical Mandarin with the ability to translate technical reports into English.
- The customer had one point of contact for HORIBA in their timezone.
- We were able to support the remote witnessing of test runs so the OEM's witness did not have to travel to HORIBA's test site, ensuring safety and complying with COVID-19 travel restrictions.

