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## **Hydrogen Heavy Duty Applications and Testing**

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### **Abstract**

The hydrogen industry does not currently have a Heavy Duty (HD) convention or standard definition. Conversely, Light Duty (LD) applications and standards are well defined and generally applicable to the automotive industry. The presentation will summarize current standards definitions and proposed gaps, Powertech's working definition of HD applications as well as considerations for testing. Lastly, a case study in HD testing will be presented and discussed.

*About Powertech Labs:* Powertech Labs has been building and testing hydrogen systems since the early 1990s. Achievements include the world's first 700 bar dispenser in 2002, and North America's first hydrogen station testing device in 2016. Further, Powertech has been showcasing its technical expertise on various standards bodies including ISO, UNECE, CSA and SAE for over twenty years.