



Azure Dynamics Corporation is a world leader in the development of electric and hybrid electric vehicle drive systems for light and medium duty commercial trucks and buses. Azure offers an exciting opportunity to be part of the solution as a company with innovative technology addressing climate change issues. Azure is a public company traded on the TSE in Canada.

POSITION DESCRIPTION:

TITLE:	Senior Calibration Engineer
LOCATION:	Detroit
SUPERVISOR:	Engineering/Controls Manager
DEPARTMENT:	Controls Engineering Group
CLASSIFICATION:	Full-Time

DUTIES:

- Responsible for achieving OBD certification on parallel hybrid-electric E-450 product for 2013 MY (first year that ARB approval is required)
- Manufacturer interface with ARB OBD group; including but not limited to gaining approval of test plan, and submittal of data to ARB
- Coordination and technical support of emission testing required for EPA/ARB regulatory approval
- Responsible for creation and management of certification timing plan
- Initiate software change requests documenting desired algorithm functionality
- Technical consultant & supporting role in powertrain testing and calibration; including support for environmental, performance, reliability and emissions tests on hybrid-electric & electric vehicles
- Clear communication to both the local project/engineering manager and off-site domain leader on all challenges and taking initiative to solve outstanding issues.

SKILLS/KNOWLEDGE/ABILITY REQUIREMENTS:

- Familiarity with EPA / CARB LD or HD regulatory requirements, testing and certification procedure
- Experience as part of a team working to achieve ARB certification on a production automotive program
- Familiarity with industry standards and best practices with regards to powertrain controls development
- Project management experience with creating achievable project timelines and managing project to meet milestones.
- MATLAB, Simulink & Stateflow software development experience beneficial
- Hybrid and/or Electric vehicle development experience beneficial
- Demonstrated ability to work on a fast-paced, deadline driven design engineering team
- Ability to communicate concisely and accurately in English through both written and verbal mediums
- Comfortable delivering technical presentations to regulatory bodies and other industry experts



EDUCATION/CERTIFICATION:

- University level engineering degree.
- Strong automotive background with a minimum of five to seven years of experience working in an automotive powertrain design / applications team

If you would like to apply for this position, please forward your cover letter and resume to the following:

c/o Kristen Sanders
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www.azuredynamics.com
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