



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:	Certification & Test Engineer
LOCATION:	Detroit
SUPERVISOR:	Director, Program Engineering
DEPARTMENT:	Engineering
CLASSIFICATION:	Full-Time

DUTIES:

- Responsible for leading vehicle certification efforts
- Interface as required with regulatory agencies such as EPA, CARB, NHTSA, European Approval Authorities and Transport Canada
- Coordinate and conduct vehicle testing such as brake testing, crash testing, emissions testing and environmental testing
- Instrument vehicles as required in preparation for tests
- Determine stakeholder's data requirements as well as record and write test reports to meet all stakeholder's needs
- Responsible for creation and management of vehicle test and certification timing plans, open issues and meeting minutes
- Clear communication to local project/engineering manager and off-site team members on all challenges and taking initiative to solve outstanding issues
- Track regulatory changes and clearly communicate to the rest of the team

SKILLS/KNOWLEDGE/ABILITY REQUIREMENTS:

- Familiarity with EPA, CARB, NHTSA, FMVSS and European vehicle regulations, both Light Duty and Heavy duty
- Familiarity with EPA's Verify system
- Familiarity with CARB's DMS system
- Significant knowledge of vehicles
- Project management experience with creating achievable project timelines and managing project to meet milestones.
- MATLAB software development & data analysis 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.