



Mosaic Transit Constructors (Mosaic) - a consortium comprised of Aecon, Dragados, and Dufferin – is partnering with Metrolinx and Infrastructure Ontario to design, build and maintain the transformative Finch West Light Rail Transit (LRT) system in the City of Toronto.

Position: Validation and Verification Manager

Reports to: System Assurance Manager

Role Location: Toronto, ON

Summary of Position:

Provides management and technical expertise for Verification & Validation of Requirements and Processes for the Project. Working in the System Assurance Team, will also coordinate with the Design Team, Vendors and Testing & Commissioning Team

Responsibilities:

- Manage V&V activities as per V&V plan and update the plan as required
- Review all necessary V&V tasks and allocate V&V responsibilities to appropriate parties
- Ensure deliverables are in compliance with the project agreement and subcontracts, where possible.
- Implement the plans and procedures defined in V&V plan
- Review test procedures and test results, from the verification and validation point of view
- Coordinate with Quality Control to validate project requirements
- Witness validation tests as required during testing and commissioning phase
- Support population of V&V input into IBM Rational DOORS database
- Perform other requirements and compliance management tasks as required
- Chair the test review panel
- Liaise with project design groups, quality, project management and other project teams
- Gather evidence from Design, Construction and Testing and Commissioning team for verification and validation purposes
- Have a strong knowledge of requirements management and ensure the coverage of requirements all along the project, ensuring that testing (via various means) provides a full coverage to guarantee EoR sign-off and CSSO sign off.
- Ensure correct implementation of the requirements: functional requirements and safety requirements
- Implements and completes the traceability matrix, in cooperation with the other project stakeholders;

Requirements:

- Engineering degree (electrical preferred); or Technologist Certificate and appropriate experience
- 5 years of experience in the rail industry including knowledge
- 4 years of experience in V&V
- Familiar with railway standards as CENELEC
- Experience with test procedure generation and interaction with testing and commissioning team
- Excellent communication skills, both written and verbal



- Proficient in Microsoft Office, including Excel, Word and Outlook Options

Working Conditions/ Physical Effort:

- Able to perform in a fast-paced environment
- Prolonged sedentary positioning
- Walking, lifting, equipment operation, etc.
- Moderate physical activities
- Ability to use stairs, ladders and climb over rough terrain
- Primary work location is the Project site for Mosaic Transit Group

We offer a competitive compensation and benefits package in a fast-paced work environment. We are looking for innovative, forward-thinking people who enjoy challenges and want to work on leading-edge infrastructure projects.

We thank all applicants for their interest, however, only those selected for further consideration will be contacted.

To apply for this position, please submit resume online by clicking here: workforce@mosaictransit.com