

Position Description – Testing and Commissioning Delivery Supervisor

POSITION DETAILS

Department / Team: Systems Engineering and Assurance	Reports to (title): Testing and Commissioning Manager
# Direct Reports: 0	# Indirect Reports: 0
Location: Brisbane	

THE CROSS RIVER RAIL PROJECT

Cross River Rail is a new 10.2km rail line including 5.9km of twin tunnels running under the Brisbane River and CBD that will unlock a bottleneck at the core of the rail network and will transform the way we travel across the whole of Southeast Queensland.

It will include four new underground stations – at Albert Street, Boggo Road, Roma Street and Woolloongabba - through the middle of Brisbane, provide new above-ground stations at the RNA Showgrounds and Dutton Park, upgrade six stations between Fairfield and Salisbury, deliver three new stations on the Gold Coast and introduce a new world-class signaling system to the wider SEQ rail network.

Once Cross River Rail is operational, journeys will be quicker, stations will be in more convenient locations and there will be capacity to increase train services as our population grows. Making public transport a more viable option for the whole region and helping to ease congestion on our roads.

Further Information: www.crossriversrail.qld.gov.au

OUR VALUES & BEHAVIOURS



WE COLLABORATE

- We treat each other with respect and speak up when this doesn't happen.
- We share information to help everyone be successful.
- We have honest conversations, no agendas or surprise.
- We are curious, asking questions to understand.
- We work through issues together and help each



WE INNOVATE

- We are inclusive, listening to and encouraging differing views.
- We challenge and push the boundaries.
- We apply and share our knowledge to do better.
- We seize our opportunity to set new standards and benchmarks



WE DELIVER

- We act safely at all times.
- We do what we say we will do and when we will do it.
- We understand our individual role and how it fits into the project's success.
- We take responsibility for our work and speak up when we need help.
- We are committed to continuous development and take every opportunity to review, learn and improve the way in which we are delivering the project

ROLE OVERVIEW

The purpose of the position is to represent the CRRDA by providing oversight, coordination and technical support for Testing and Commissioning activities relating to Cross River Rail (CRR) rail systems, train control systems and infrastructure to ensure their successful implementation. This will involve stakeholder management and collaboration with internal project teams and project stakeholders which include our contractors, Queensland Rail, suppliers, consultancies, and regulatory bodies.

This role will be predominately site based ensuring that testing activities are being conducted according to the Testing and Commissioning Program and performed in adherence to project standards and requirements. You will be the key interface and escalation for the coordination for daily and upcoming T&C activities. Reviewing test plans in advance to ensure they can be executed on the day and driving continuous improvement.

This position reports the Testing and Commissioning Manager and works closely with the Testing and Commissioning Package Managers and broader Asset and Operational Readiness Team. This position will work across Cross River Rail construction sites, Systems Integration Lab and corporate and alliance offices.

This position will require working shifts which will generally be either a day (6am – 2pm) or afternoon (2pm – 10pm) during a standard working week but flexibility will also be required to work occasional night and weekend shifts to support the timing of T&C activities.

KEY RESPONSIBILITIES

- Act as a key interface between internal DA project teams, project stakeholders and contractors regarding upcoming testing and commissioning activities ensuring effective communication and collaboration between parties.
- Review and analyse daily and upcoming T&C schedules and plans to ensure they can be seamlessly executed within allocated time frames and identify potential gaps and issues. Monitor for changes in project schedule or site conditions which may affect planned activities and plan contingencies and mitigations appropriately.
- Support the Testing and Commissioning manager in the planning and coordination of T&C activities by working with contractors and stakeholders to ensure they understand and able to deliver on their responsibilities and commitments including resource allocation and agreed time frames.
- Ensure there is alignment for proposed T&C plans, processes and procedures among suppliers and stakeholders including Queensland Rail. Ensure all parties are in agreeance on and understand individual roles and responsibilities in relation to test coverage.
- Support suppliers and stakeholders in the development and of T&C/Integration deliverables by providing guidance and reviewing outputs to ensure they meet project obligations. These documents and outputs include management plans, procedures, reports, testing results, technical specifications, FRACAS and punch-list items.
- Provide supervision and oversight of T&C activities ensuring that contractors and stakeholders are conducting activities in accordance with project obligations, expectations and the T&C program schedule.
- Review testing and commissioning outputs for quality and irregularities escalating or requesting re-tests where appropriate.
- Provide technical guidance and support to contractors and consultants in relation to fault finding, interpretation of requirements, key risks, test hierarchy and coverage, T&C gaps and test results impacts.
- Act as an escalation point for contractors and consultants on site who are unable to continue or complete scheduled T&C activities to help them work through issues.

- Attend and when required lead collaborative meetings and workshops with testing and commissioning stakeholders to secure agreement on T&C deliverables and outcomes, optimise plans and activities and enhance knowledge sharing.
- Provide regular updates and reporting as requested to the Testing and Commissioning Manager on T&C activities.
- Attend Testing and Commissioning Risk Management meetings and contribute to the identification and risks and issues as the creation and execution of mitigation strategies.
- To work in accordance with the Delivery Authority policies, procedures and safety requirements and demonstrate alignment with our values and behaviours

KEY COMPETENCIES

- Substantial technical knowledge and experience in performing testing and commissioning activities of complex integrated systems throughout the full project lifecycle within a rail project environment.
- Previous experience in the coordination and supervision of site-based testing and commissioning resources across multiple technical disciplines.
- Proven ability to maintain effective communication lines, stakeholder management, influence and negotiation with many varied project stakeholders and technical disciplines to successfully achieve a program of works.
- Demonstrated ability to problem solve, show initiative, and adapt to sudden changes in expectations, priorities and deadlines in the execution of a testing and commission program.
- Knowledge and experience with applicable rail systems engineering and assurance standards. A working knowledge of Queensland Rail is highly desirable.
- The nominated resource will be required to hold, or have the ability to obtain, Rail Industry Worker (RIW) training and competencies to meet QR safety requirements to access the rail corridor, including but not limited to:
 - QLD Construction White Card;
 - Safely Access Rail Corridor (SARC);
 - Working in Electrified Territory (WET);
 - Apply Fatigue Management;
 - CAT 3 medical assessment; and
 - QR – introduction to network lock out (EL74a).