

Position Description



Position Title	Senior Mechanical Engineer
Position No	00085961
Delegation Level	007
Job Designation	Engineer
Organisational Unit	Queensland Train Manufacturing Program SEQ Integration
Work Centre	Brisbane
Position Type	Temporary
Rail Safety Worker	Yes
Medical Fitness Standard	NHS Cat 3 ATTP
Performance Plan Type	Team Member - PPR
Shiftworker	No
Classification (Range)	PT4 .1 - PT4 .4
Pay Scale Type	ASPT
Reports to Position	Principal Mechanical Engineer

QUEENSLAND RAIL VALUES:

- 1 Queensland Rail - We do better together
- Treat others with respect - We appreciate everyone's contributions and differences
- Empower our people - We have confidence in our people
- Act Safely - We work safe, to go home safe
- Make a positive difference - We learn from today, to improve tomorrow

Position Purpose

This position supports the rolling stock design review, testing and engineering certificates of compliance processes to be completed for delivery of the QTMP fleet.

Position Responsibilities

1. Provide Technical Assurance by undertaking a comprehensive review of the rolling stock Mechanical Systems integrated into the QTMP Rolling Stock design, ensuring compliance with SEMS requirements and addressing design issues.
2. Actively engage in collaborative design review workshops and meetings and resolve any identified design issues.
3. Review the Contractor's SEMS Compliance Plan, offering commentary on its appropriateness for certifying new rolling stock, and coordinate the review of certification documents.
4. Conduct technical reviews and offer support for prototype, series production, and testing activities, ensuring alignment with SEMS requirements.
5. Manage and witness static and dynamic testing, ensuring adherence to SEMS requirements and compliance standards.
6. Perform technical assurance reviews of Routine and Type Testing evidence and reports, ensuring compliance with SEMS requirements.
7. Provide technical management and coordination throughout prototype and series production, reviewing documentation to ensure SEMS compliance.

Additional Factors

- The appointee will be required to :-
- Comply with Queensland Rail's Code of Conduct;
 - Observe all legal and safety obligations of the organisation;



What is the key selection criteria

1. High level of skill in the technical aspects of rolling stock, acceptance and safety compliance in a passenger rolling stock environment.
2. Substantial knowledge of the technical operation, maintenance requirements, servicing, overhaul and repair of passenger rolling stock and associated equipment.
3. High level of skill in formulating the documentation required for introducing new work practices and technologies for the maintenance of rolling stock.
4. Substantial knowledge of the principles and practices of Queensland Rail, International and Australian standards, relevant legislation and acts and Queensland Rail business requirements as applicable to rollingstock construction, testing, maintenance and operations.
5. Substantial level of communication, consultation, negotiation skills with a range of internal and external stakeholders and suppliers.
6. Knowledge of and willingness to commit to and work within Queensland Rail's Values and Behaviours.

Pre-employment Checks:

Not Applicable

Pre-employment Qualifications:

What qualifications do I need to hold prior to applying for the position?:

20100230 Bach Eng - Mech

Mandatory Qualifications (If not already held, I will gain these when in position)

40007588 Wunya Induction
30000908 Safely Access the Rail Corridor (QNRP)
40001627 Building Emergency Procedures
40008876 Working in the Electrified Territory
40008657 NHS Cat 3 ATTP

Enterprise Qualifications (If not already held, I will gain these when in position)

40009601 Code of Conduct Refresher
40013480 Fraud Awareness Induction

Health, Safety and Environment Responsibilities

Comply with the overarching document called Health, Safety and Environment Responsibilities MD-11-6843 located in the Safety and Environment Management System.

Personal Protective Equipment needs:

Refer to relevant business instructions.

Safety Publications

Refer to relevant business instructions.

Please Note:

Queensland Rail has a random alcohol and other drug testing program.
Testing can occur anywhere, at any time, on any day.