

Position Description



Position Title	Senior Structural Design Drafter
Position No	00076755
Delegation Level	007
Job Designation	Designer
Organisational Unit	Structural and Civil Engineering SEQ Assets
Work Centre	Brisbane
Position Type	Permanent
Rail Safety Worker	Yes
Medical Fitness Standard	NHS Cat 3 ATTP
Performance Plan Type	Team Member/Tech Prof
Shiftworker	No
Classification (Range)	PT4 .1 - PT4 .4
Pay Scale Type	ASPT
Reports to Position	Team Leader Structural Engineering

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

Provide structural design drafting services to support Queensland Rail Network in delivering quality, commercially focused structural engineering solutions across Queensland Rail Network and other Queensland Rail Lines of Business (LOB).

Position Responsibilities

1. Co-ordinate, manage and supervise Drafters work on projects handled within the design team ensuring drawings and designs are produced on time and to the required standards.
2. Develop budgets and programmes for the efficient delivery of civil engineering projects under his/her project control and maintain control over all resources to ensure that projects are completed on time and within budget. Manage resources under his/her control, defined projects and control.
3. Collaborate with Principal Designer and the Civil Design Managers, monitoring and setting design and drafting standards and implementing quality improvements and processes.
4. Produce and check high quality engineering drawings both manually and on the CADD System, setting out calculations and design work. Produce schedules of quantities and produce the final details of the Engineers' designs ensuring the works are dimensionally correct and constructible.
5. Undertake site inspections as necessary and determine the disposition of the works in association with the Design Engineer, or independently as the project representative.
6. Delegate and supervise work as required to subordinates, advising them on technical matters associated with specific projects, assessing their performance and identification of learning opportunities and training them in these tasks as necessary.

Position Description



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 providing engineering technology deliverables in a civil / structural engineering environment that demonstrate commercial value in at least one of the following areas:-
 - Construction civil works or construction building works;
 - Maintenance of infrastructure;
 - Asset management;
 - Design.
2. High level of skill in coordinating small project-based teams that deliver commercial outcomes, including working with multiple priorities and timeframes.
3. High level of skill in project management and identifying opportunities for innovation and improvement in a commercially focused business.
4. High level of knowledge of engineering, quality and safety management systems applying to civil engineering projects, including sound knowledge of relevant industry and regulatory requirements including Australian Standards.
5. High level of skill in the use of the CADD Systems to co-ordinate, produce and check multiple high quality drawings / digital models ensuring compliance with civil, drafting and design standards and procedures.
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?:

40003902 Associate Degree in Eng (Civil)

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.