

Position Description



Position Title	Transport Modeller
Position No	00081295
Delegation Level	006
Job Designation	Planner
Organisational Unit	Master Train Planning Strategic Integ Ops Planning & Assurance
Work Centre	Brisbane
Position Type	Permanent
Rail Safety Worker	No
Medical Fitness Standard	Refer to relevant business instructions.
Performance Plan Type	Team Member - PPR
Shiftworker	No
Classification (Range)	AS4 .1 - AS4 .4
Pay Scale Type	ASPT
Reports to Position	Manager Master Train Planning

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 transport planning services to the Strategic Master Train Planning team to support the achievement of strategic timetable planning objectives.

Position Responsibilities

1. Support the development and documentation of mathematical and statistical methods, computer models and decision support systems to the design of Citytrain strategic service plans, with consideration to demand modelling and operational simulation and scenario testing.
2. Develop, maintain and document the Citytrain network model/s in RailSys (SIMU++), along with a quality assurance process to be applied to all models and followed by modellers of the Master Train Planning team.
3. Liaise with staff, managers, customers and stakeholders as required to assist the relevant Queensland Rail function or group.
4. Participate in the research and development of advanced passenger models through the study of literature and analysis of historical trends, with emphasis on gaining further understanding with regards to passenger decision models.
5. Support and contribute towards analytical and quantitative tasks in support of a multi-disciplined team.

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. Substantial level of skill in the use of computer based systems to

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- operate and/or construct robust computer models for supporting strategic planning and forecasting, and operational analysis.
2. Substantial level of analytical, research, problem solving and data analysis and visualisation skills.
 3. Substantial level of interpersonal, oral and written communication skills.
 4. Sound level of skill in effectively working within a high performing professional team.
 5. Knowledge of and willingness to commit to and work within Queensland Rail's Values and Behaviours.

Pre-employment Checks:

Not Applicable

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.