

# Engineering Survey Technician

## Position Description

<b>Directorate</b>	Infrastructure Planning	<b>Department</b>	Integrated Transport Planning and Design
<b>Reports To</b>	Team Leader Engineering Survey - Scheduling	<b>Direct Reports</b>	No
<b>Queensland Local Government Industry Award - State 2017 -Stream</b>	Stream A - Division 2, Section 1 - Administrative, clerical, technical, professional, community service, supervisory and managerial services	<b>Moreton Bay Regional Council Certified Agreement 2022 EBA5 Wage Level</b>	Schedule 1, Level 3 - 4

### Position Purpose

This position will undertake and complete engineering survey activities for the planning, design and construction of council's infrastructure to ensure departmental objectives and project outcomes are achieved.

### Key Responsibilities and Outcomes

As an Engineering Survey Technician and member of the Integrated Transport Planning and Design department you will:

- Perform and complete engineering surveys in accordance with relevant legislation and council's policies and procedures.
- Undertake geodetic, engineering, topographic, hydrographic, asset data collection by the researching, collecting, manipulating and setting out of the data required.
- Operate specialised surveying instruments including GPS/GNSS, Total Station and Automatic Level.
- Undertake accurate traverse surveys, perform interpretation and analysis of survey data and data calculations.
- Undertake a range of survey activities utilising specialised surveying CAD software applications.
- Supervision of the survey assistant in the field to ensure data capture is performed accurately.
- Contribute to a positive team environment in order to achieve a high performance, continuous improvement and customer focused culture.
- Perform administration duties and engage proactively with key stakeholders including council departments, external agencies and service authorities to ensure service outcomes are achieved in relation to assigned projects.

### Our Values

Our values shape the way we behave, how we interact with each other and our customers. They underpin our decision making and are our guiding principles for how we work every day. As a team

member, you will take individual accountability for demonstrating the values, expectations and behaviours.

**SERVICE**

**TEAMWORK**

**INTEGRITY**

**RESPECT**

**SUSTAINABILITY**

### Decision Making

<i>Budget</i>	N/A
<i>Delegations</i>	Delegations under the Local Government Act 2009 and as directed and published in Council's Delegation Register

### Knowledge & Experience

- Demonstrated ability and experience to use total station systems and GPS.
- Sound knowledge and experience of geodetic, engineering, topographic, hydrographic, asset data collection
- Demonstrated mathematical skills to undertake moderately complex data calculations.
- Proficiency in the use of survey equipment, instruments and specialised survey CAD systems.
- Strong time management skills and the ability to manage conflicting priorities and meet deadlines.
- Strong people and relationship management skills with the ability to work in a positive team environment communicating and engaging effectively at all levels.

### Qualifications

- Tertiary qualification in surveying or working towards (Highly regarded but not essential)
- Construction Induction Card competency that has been used or obtained within the past 2 years.
- Current C class driver's licence.

### Success Profile

#### Level 3 - To perform at this level the team member will bring:

- Perform and complete engineering and/or cadastral surveys under supervision in accordance with relevant legislation and Council's policies and procedures.
- Undertake geodetic, engineering, topographic, hydrographic and asset data collection and/or cadastral surveys under supervision by researching, collecting, manipulating, and setting out of the data required.
- Operate specialized surveying instruments including GPS/GNSS, Total Station and Automatic level.
- Undertake accurate traverse surveys, perform interpretation and analysis of survey data and data calculations under supervision.
- Undertake a range of survey activities utilizing specialized surveying CAD software applications.
- Supervision of the survey assistant in the field to ensure data capture is performed accurately.

#### Level 4 - To perform at this level the team member will bring:

- Perform and complete engineering and/or cadastral surveys in accordance with relevant legislation and Council's policies and procedures.
- Undertake geodetic, engineering, topographic, hydrographic and asset data collection and/or cadastral surveys by researching, collecting, manipulating and setting out of the data required.
- Operate specialized surveying instruments including GPS/GNSS, Total Station and Automatic level.
- Undertake accurate traverse surveys, perform interpretation and analysis of survey data and data calculations.
- Undertake a range of survey activities utilizing specialized surveying CAD software applications.

- Supervision of the survey assistant and Survey Technician in the field to ensure data capture is performed accurately.

### **Remuneration and Progression**

Positions will be established with a range of Level 3 to Level 4, and team members will be appointed based on their demonstrated skills and experience commensurate with this framework.

Progression between Levels 3 and 4 will not be automatic. Reviews will be scheduled with each team member annually. Progression will be assessed on an individual basis with justification provided to the Department Manager for their consideration utilising the Engineering Survey Technician Broad Banding Review Form, referencing the criteria outlined at each Level under this framework.