

Competencies Quantity Surveyor

Scope of work

Quantity Surveyors estimate and manage the cost of construction throughout a project. Their responsibilities begin at the planning stage and continue through the construction period. They interpret architectural or engineering drawings and specifications to calculate project costs. During the building stage, they monitor expenses and check on changes in the design of the project, to see whether costs will be affected. They also provide monthly cash-flow forecasts to their client and may organise the amount and timing of payments to contractors. Quantity Surveyors work in partnership with architects, engineers, builders, contractors, suppliers and project owners.

Assessment

Further to an application for registration being lodged, and prior to registration being approved, an applicant may need to be assessed by a board member/industry expert or qualified workplace assessor/industry expert. The assessment may include the following:

- an interview, involving questions and answers
- the tabling of documentation, including
 - examples of work carried out including a project costing etc.
 - a business plan or financial plan etc.
- an on-site assessment, involving a visit to a current work site.

Competencies

The applicant must be prepared to demonstrate knowledge and skill in the following competencies.:

Work practice

Knowledge of and ability to undertake:

- cost planning
- cost estimating
- account management
- change management
- claims and dispute resolution
- financial audit
- life-cycle cost analyses
- technical due diligence
- compliance issues
- project value management
- project risk management.

Ability to:

- work effectively with others and be part of a team
- lead and motivate others
- set goals, display enthusiasm, self-motivate and undertake research
- organise, monitor, control and plan the effective use of resources
- undertake strategic planning
- apply measurement
- prepare budgetary reports and monitoring procedures
- provide general procurement advice
- prepare contract documentation (bill of quantities).

Knowledge of:

- arbitration
- expert witness/evidence
- resource analysis
- feasibility studies
- tax depreciation
- project quality assurance.

Professional practice

Knowledge of:

- business planning
- financial planning
- business taxes
- communications practice
- organisational skills
- conflict resolution
- problem solving
- human resource management
- occupational health and safety
- insurances
 - professional practice
 - employees
- information technology
- quality assurance systems
- self-development principles.

Construction technology

Knowledge of:

- construction technology
- relevant Australian Standards
- local council requirements
- Building Code of Australia 2005.

Legislation

Knowledge of and ability to apply the following legislation:

- *Building Act 1993*
- Building (Interim) Regulations 2005
- *Planning and Environment Act 1987*
- *Domestic Building Contracts Act 1995*
- *Building & Construction Industry Security of Payment Act 2002.*

Disclaimer:

The competencies herewith are specific to the registration category and class of building practitioner, for the purpose of registration with the Building Practitioners Board, under section 170 of the *Building Act 1993*.

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