

COMPETENCY FRAMEWORK

CADASTRAL ENDORSEMENT

Surveyors Act 2003 s39

Document Identifier:	SBQ-CF-0106
Version Number:	V5.00
Approval/Review Date:	28 th June 2021

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Version Control

Version	Author	Release Date	Change Description
V0.90	CF Taskforce	28 July 2005	Draft Document
V0.95	CF Taskforce	25 Aug 2005	Final for forwarding to Surveyors Board
V1.00	CF Taskforce	13 Oct 2005	Released Document
V2.00	SBQ		Reviewed Document
V3.00	SBQ		Released Document
V4.00	SBQ	16 April 2013	Board Approval
	SBQ Admin	28 February 2014	Document Reference Updated
V5.00	SBQ	29 June 2021	Board Approval

Document References

Ref	Title	Document ID	Version	Owner
[1]	Surveyors Act 2003			State of Qld
[2]	Competency Frameworks (Overview)	SBQ-CF-0100	V1.00	SBQ
[3]	Competency Frameworks (Surveying Associate)	SBQ-CF-0101	V4.00	SBQ
[4]	Competency Frameworks (Surveying Graduate)	SBQ-CF-0102	V4.10	SBQ
[5]	Competency Frameworks (Surveyor)	SBQ-CF-0103	V5.00	SBQ
[6]	Competency Frameworks (Consulting Endorsement)	SBQ-CF-0104	V1.00	SBQ
[7]	Competency Frameworks (Engineering Endorsement)	SBQ-CF-0105	V4.00	SBQ
[8]	Competency Frameworks (Cadastral Endorsement)	SBQ-CF-0106	V5.00	SBQ
[9]	Competency Frameworks (Hydrographic Endorsement)	SBQ-CF-0107 Superseded	V1.00	SBQ
[10]	Competency Frameworks (Mining Endorsement)	SBQ-CF-0108 Superseded	V3.00	SBQ
[11]	Competency Frameworks (Associate Degree Mapping)	SBQ-CF-0109 Superseded	V1.00	SBQ
[12]	Competency Frameworks (Graduate Degree Mapping)	SBQ-CF-0110 Superseded	V1.00	SBQ
[13]	Competency Frameworks (Surveyor Degree Mapping)	SBQ-CF-0111 Superseded	V1.00	SBQ
[14]	Competency Frameworks (Mining O Endorsement)	SBQ-CF-0112	V1.00	SBQ
[15]	Competency Frameworks (Mining UC Endorsement)	SBQ-CF-0113	V1.00	SBQ
[16]	Competency Frameworks (Mining UM Endorsement)	SBQ-CF-0114	V1.00	SBQ

Introduction

This document describes the Competency Framework for endorsement as a Cadastral Surveyor as prescribed under section 39 of the Surveyors Act 2003.

The competency framework describes the competency Units, Elements and Descriptors that are required to be met for endorsement as a Cadastral Surveyor. The competency framework describes the performance that the candidate is required to display. Competency is developed through the appropriate combination of qualifications, skills, knowledge, and experience.

Definitions

Unit of Competency (Unit): A major segment of the overall competency of a profession, typically representing a major function, role or field of activity.

Element of Competency (Element): A subdivision of a unit of competency into an observable function or activity.

Performance Criteria (Descriptors): An indicative list of the aspects of professional performance that would be regarded as evidence of competent professional performance in the workplace in an element of competency.

Notes: The notes within framework are for guidance only and are not an official part of the framework. The notes are an aid to assist in the understanding of the requirement of a Unit, Element or Descriptor.

Competency Requirements for Cadastral Endorsement

Applicants will need to have displayed their competency at the Surveyor level, as well as their competency in this discipline of surveying before being granted a Cadastral Endorsement. An Applicant seeking the issue of a Cadastral Endorsement will need to demonstrate competency in the following document.

Competency Table for Cadastral Endorsement

Application of the framework

This competency framework reflects the competencies required for persons to obtain initial registration. In applying the framework throughout a registered person's career, it is recognised that it is not necessary to maintain the detailed technical competencies prescribed in parts of the framework. Where registered persons are not required to apply these technical competencies as part of their work duties, it is acceptable for them to be able to demonstrate that they have an understanding of the application of, and any limitations that may apply to the use of, these techniques.

The notes to the framework are for guidance only and are not an official part of the framework. The Board can add to, amend or delete notes at their discretion.

Element	Descriptors	Notes
C.1 Undertake a program of tertiary education	<p>Applicants will need to demonstrate that they:</p> <ul style="list-style-type: none"> i. Have completed a course of study of at least four years fulltime duration acceptable to the Surveyors Board of Queensland or have been previously registered as a Cadastral Surveyor by the Surveyors Board of Queensland 	<p>See SBQ Policy – Competency Assessment & Registration http://sbq.com.au/member/board-publications/policies-guidelines/ s4(d) and s5(c)</p> <ul style="list-style-type: none"> i. USQ Bachelor of Spatial Science or a QUT Bachelor of Urban Development four year. ii. Degrees accredited by a Surveyors Board that is a member of the CRSBANZ are acceptable. <p>Overseas qualifications that have been assessed as equivalent to an Australian or New Zealand four year degree are acceptable.</p>

<p>C.2 Understand and apply relevant law.</p>	<p>Applicants will need to demonstrate that they are able to:</p> <ul style="list-style-type: none"> i. Operate in accordance with government Acts, Regulations, or instructions ii. Prepare advice for clients on legal requirements relating to land tenure, planning and development iii. Prepare advice for clients on legislative requirements relating to land, tenure, planning and development 	<p>The legislation referred to in descriptor (iii) includes but is not limited to the appropriate parts of:</p> <p><i>Acts Interpretation Act 1954</i> <i>Body Corporate and Community Management Act 1997</i> <i>Land Act 1994</i> <i>Land Title Act 1994</i> <i>Local Government Act 2009</i> <i>Native Title (Queensland) Act 1993</i> <i>Neighbourhood Disputes Resolution Act 2011</i> <i>Planning Act 2016</i> <i>Property Law Act 1974</i> <i>Transport Infrastructure Act 1994</i> <i>Surveyors Act 2003</i> <i>Survey and Mapping Infrastructure Act 2003</i> <i>Vegetation Management Act 1999</i> <i>Water Act 2000</i> and their associated regulations.</p>
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<p>C.3 Search for documentary cadastral evidence</p>	<p>Applicants will need to demonstrate that they are able to:</p> <ul style="list-style-type: none"> i. Collate sufficient documentary evidence to identify the origin of marks relied upon in a cadastral survey ii. Collate evidence of the expressed intention of boundary location from primary sources. iii. Find all the secondary interests that may be affected by the cadastral survey 	<p>Documentary evidence may include survey plans, forms six, field notes or Department of Resources (DoR) files.</p>
<p>C.4 Search for physical cadastral evidence</p>	<p>Applicants will need to demonstrate that they are able to:</p> <ul style="list-style-type: none"> i. Describe the evolution of boundary marking requirements in Queensland ii. Find and recognise these marks as part of a cadastral survey iii. Search for and locate permanent improvements on the land that have been used to define the boundary 	<p>Applicants should attempt to demonstrate this element in rural and urban contexts.</p>
<p>C.5 Reinstate existing boundaries</p>	<p>Applicants will need to demonstrate that they are able to:</p> <ul style="list-style-type: none"> i. Explain the law and principles regarding the reinstatement of cadastral boundaries ii. Assess all relevant evidence and draw appropriate conclusions about the location of boundaries 	<p>Applicants should have an extensive knowledge of the origin of the hierarchy of evidence. Applicants should be able to provide examples of surveys with multiple reinstatement solutions and be able to explain and justify their preferred reinstatement solution.</p>
<p>C.6 Mark Cadastral Boundaries</p>	<p>Applicants will need to demonstrate that they are able to:</p> <ul style="list-style-type: none"> i. Apply relevant legislation and standards for the marking of cadastral boundaries 	

<p>C.7 Prepare Plans suitable for Government Land Registries</p>	<p>Applicants will need to demonstrate that they are able to:</p> <ol style="list-style-type: none"> i. Prepare plans to meet the standards of Government Land Registries 	<p>Applicants should demonstrate that they have experience in as many of the following types of survey plans as possible:</p> <ul style="list-style-type: none"> • Rural surveys • Urban surveys • Building Format Plans • Volumetric Format Plans • Road surveys • Secondary Interests • Sketch plans • Identification surveys
<p>C.8 Contribute to development applications</p>	<p>Applicants will need to demonstrate that they are able to:</p> <ol style="list-style-type: none"> i. Describe the development processes that are used in Queensland local government to control land use and development ii. Contribute surveying and titling expertise as input into complex development applications iii. Critique lot layouts on the basis of recognised design parameters and relevant geometric design iv. Recognise the constraints that planning instruments place on development proposals (lot sizes, road widths, use, density etc) v. Appreciate design options to minimise the costs of sewer and stormwater services 	<p>The following would demonstrate compliance in each descriptor:</p> <ol style="list-style-type: none"> i) Demonstrate understanding of the major principles and terminology used in planning frameworks, identify applicable stakeholders, explain relevant timeframes, and interpret development approval conditions; ii) Contribute to a development application where knowledge of titling and subdivision has been provided by the candidate as part of a team of consultants; iii) – v) Candidates are able to identify good and poor design practice in examples of subdivisions created by others.

<p>C.9 Contribute to State action applications</p>	<p>Applicants will need to demonstrate that they are able to:</p> <ul style="list-style-type: none"> i. Describe the processes that are used in Queensland to control tenure and land use ii. Provide advice on basic applications to State Authorities 	<p>In this element basic applications mean small permanent or temporary road closures or freeholding actions.</p>
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