

Surveying or Spatial Science Technician

ANZSCO: 312116

Group C

About this document

- The following Information Sheet is for your reference only and should be used as a guide to assist with your Skills Assessment application to VETASSESS. This information is subject to change.
- Please note that a Skills Assessment of the qualification involves assessment of both the qualification level and content. Qualifications are assessed according to the guidelines published by the Australian Government Department of Education.
- The employment assessment involves determining the skill level and relevance of the tasks undertaken.
- Integrity checks may be conducted to verify the qualification and employment claims made in an application.

Job description

A Surveying or Spatial Science Technician collects, records and evaluates spatial information and prepares databases, maps, charts and plans in support of Surveyors, Cartographers or Other Spatial Scientists.

Alternative Title:

- GIS Technician

Occupations considered suitable under this ANZSCO code:

- Surveying Technician
- Aerial Survey Technician
- Photogrammetrist

Occupations not considered under this ANZSCO code:












- Architectural, Building and Surveying Technicians nec
- Other Spatial Scientist
- Cartographer
- Building and Engineering Technicians nec

These occupations are classified elsewhere in ANZSCO or are not at the required skill level.

Surveying or Spatial Science Technician is a VETASSESS Group C occupation

This occupation requires a qualification assessed as comparable to the educational level of an Australian Qualifications Framework (AQF) Diploma or higher.

Applicants can fulfil the assessment criteria for this occupation in four different ways.

GROUP C	Criteria for a positive Skills Assessment						
	Minimum comparable Diploma or higher AQF level		With highly relevant major field of study		Additional highly relevant qualifications*		Highly relevant employment duration**
1		+		+	N/A	+	
2		+	No highly relevant major	+	 Minimum AQF Certificate IV level with highly relevant major	+	
3		+	No highly relevant major	+	No additional highly relevant qualifications	+	
Pre-qualification methodology can apply to Group C occupations							
	Highly relevant employment duration**		With or without highly relevant major field of study		Additional highly relevant qualifications*		Minimum comparable Diploma or higher AQF level
4	 +  Within last 5 years	+	N/A	+	N/A	+	

* Additional qualifications in a highly relevant field of study include those comparable to the following levels:

- > AQF Diploma
- > AQF Advanced Diploma
- > AQF Associate Degree or
- > AQF Graduate Diploma

** Highly relevant paid employment duration (20 hours or more per week)

- > 1-3 minimum years of employment highly relevant to the nominated occupation, completed at an appropriate skill level in the five years before the date of application for a Skills Assessment.
- > minimum 4 years of relevant employment required – three years of relevant employment (can be outside the last 5-year period) in addition to at least one year of highly relevant employment within the last five years before applying.

*If employment is prior to the completion of the qualification at the required level, an applicant must have at least one year of highly relevant employment at appropriate skill level within the last five years. The remaining three years of pre-qualifying period may be within the last ten years.

A positive assessment of both qualification level and employment duration is required for a positive Skills Assessment outcome.

Qualification

This includes qualifications assessed at AQF Advanced Diploma, Associate Degree, Bachelor, Master and Doctoral level.

Highly relevant major fields of study include:

- Surveying
- Mapping Science
- Spatial Information Systems

Employment

Highly relevant tasks include, but are not limited to:

- Collecting, recording and evaluating spatial information and preparing databases, maps, charts and plans in support of Surveyors, Cartographers or Other Spatial Scientists.
- Collecting data using surveying instruments and photogrammetric equipment.
- Performing routine computations and plotting preliminary data.

Additional tasks may include:

- Setting up scientific equipment and calibrating precision instruments, and diagnosing and correcting faults in equipment.
- Collecting and analysing source maps, survey data, photographs, computer records and other information.
- Using land and geographical information data bases.

Employment information

Surveying or Spatial Science Technicians are primarily involved in the collation and evaluation of geospatial information in a variety of formats (such as databases, maps and charts) to support the work of senior spatial science, cartography and surveying professionals. Applicants employed in roles suitable for assessment under this occupation may be engaged in a wide variety of employment contexts, including supporting the use of geospatial or surveying data assets and equipment. Services may be for a range of public and private entities, such as local councils, property developers, utility companies and research bodies.

As this is a technician-level occupation, employment positions where an applicant is primarily engaged in leading the development and delivery of geospatial systems, software or services would not be considered suitable under this occupation.

Similarly, roles where employment involves overseeing surveying activities rather than primarily performing technical duties and analysis is classified elsewhere in ANZSCO and would also not be deemed highly relevant to this occupation.

Supporting material for assessment

When applying for a Skills Assessment, please ensure you submit sufficient evidence supporting your proof of identity, qualification and employment claims. A full list of the documents required can be found on the VETASSESS website under Eligibility Criteria.

