VETASSESS

Information sheet

Civil Engineering Draftsperson

ANZSCO: 312211 | **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

Civil Engineering Draftspersons prepare detailed drawings and plans for civil engineering work in support of Civil Engineering Professionals and Engineering Technologists. Registration or licensing may be required.

Occupations considered suitable under this ANZSCO code:

- Civil Engineering Design Draftsperson
- Plumbing Engineering Draftsperson
- Road Design Draftsperson
- Sewage Reticulation Drafting Officer
- Structural Engineering Drafting Officer
- Hydraulic Engineering Draftsperson
- Transport Engineering Draftsperson

Occupations not considered under this ANZSCO code:

- Architectural Draftsperson
- Building Associate
- Civil Engineering Technician
- Civil Engineer
- Electrical Engineering Draftsperson
- Mechanical Engineer Technician

Civil Engineering Draftperson 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, in a field highly relevant to the nominated occupation.

A positive assessment of both qualifications and employment is required for a positive Skills Assessment Outcome.

GROUP C	Criteria for a positive Skills Assessment						
	Post-qualification Pathways						
	Minimum comparable Diploma or higher AQF level		**With highly relevant major field of study**		**Additional highly relevant qualifications**		**Highly relevant employment duration**
1	AQF	+		+	N/A	+	1 YEAR minimum
2	AQF	+	No highly relevant major	+	Minimum AQF Certificate IV level with highly relevant major	+	1 YEAR minimum
3	AQF	+	No highly relevant major	+	No additional highly relevant qualifications	+	2 YEARS minimum
	Pre-qualification Pathway						
	Highly Relevant employment duration						**Minimum comparable Diploma or higher AQF level**
4	3 YEARS minimum + 1 YEAR minimum (Within last 5 years)	+			With or without highly relevant major field of study	+	AQF

Description of Pathways

The information below describes the available pathways for a Skills Assessment under **Group C** . Please note that in order to achieve a successful Skills Assessment Outcome, a suitable assessment for both qualifications and employment is required.

Pathway 1

This pathway requires a qualification assessed as comparable to the education level of an Australian Qualifications Framework (AQF) Diploma or higher and in a field highly relevant to the nominated occupation.

Diploma or higher includes AQF Advanced Diploma, Associate Degree, Bachelor Degree, Graduate Diploma, Master Degree or Doctoral Degree.

In addition, it is essential for applicants to meet the following employment criteria:

- at least **one** year of post-qualification employment at an appropriate skill level, undertaken in the last five years,
- working 20 hours or more per week, and
- highly relevant to the nominated occupation.

Pathway 2

This pathway requires a qualification assessed as comparable to the education level of an Australian Qualifications Framework (AQF) Diploma or higher and in a field not highly relevant to the nominated occupation.

Diploma or higher includes AQF Advanced Diploma, Associate Degree, Bachelor Degree, Graduate Diploma, Master Degree or Doctoral Degree.

An additional qualification in a highly relevant field of study at a minimum AQF Certificate IV level is required. Additional qualifications in a highly relevant field of study include those comparable to the AQF Certificate IV.

In addition, it is essential for applicants to meet the following employment criteria:

- at least **one** year of post-qualification employment at an appropriate skill level, undertaken in the last five years,
- working 20 hours or more per week, and
- highly relevant to the nominated occupation.

For example, an applicant for the occupation Program or Project Administrator completed a non-relevant AQF Diploma qualification in April 2024 and later completed an AQF Certificate IV in Project Management in May 2026. The applicant commenced employment with the organisation in May 2024 and remains employed there.

Under Pathway 2, the applicant satisfies the minimum educational requirement for a Group C occupation through the AQF Diploma qualification. Accordingly, employment is counted from the completion date of the Diploma qualification, meaning employment from May 2024 onwards may be considered toward both the required Qualifying Period (QP) and any remaining eligible period for the points test.

As the later Certificate IV qualification is highly relevant to the occupation, the applicant may access the reduced employment requirement applicable under Pathway 2. In this case, only one year of QP is required, and that employment may be counted from the post-Diploma period rather than from the Certificate IV qualification completion date.

Pathway 3

This pathway requires a qualification assessed as comparable to the education level of an Australian Qualifications Framework (AQF) Diploma or higher and in a field not highly relevant to the nominated occupation.

Diploma or higher includes AQF Advanced Diploma, Associate Degree, Bachelor Degree, Graduate Diploma, Master Degree or Doctoral Degree.

In addition, it is essential for applicants to meet the following employment criteria:

- at least **two** years of post-qualification employment at an appropriate skill level, undertaken in the last five years,
- working 20 hours or more per week, and
- highly relevant to the nominated occupation.

Pathway 4

This pathway requires a qualification assessed as comparable to the education level of an Australian Qualifications Framework (AQF) Diploma or higher with or without a highly relevant major field of study to the nominated occupation.

Diploma or higher includes AQF Advanced Diploma, Associate Degree, Bachelor Degree, Graduate Diploma, Master Degree or Doctoral Degree.

In addition, it is essential for applicants to meet the following employment criteria:

- at least **four** years of employment at an appropriate skill level that includes at least **one** year of highly relevant employment within the last five years before applying,
- working 20 hours or more per week, and
- highly relevant to the nominated occupation.

Qualification

Qualifications in certain engineering fields may be accepted on a case-by-case basis if the program consists of sufficient subjects in Structure, Materials, Drafting / Drawing and core subjects in their respective specialised fields.

Highly relevant major fields of study include:

- Civil Engineering
- Engineering Drafting - Civil Design

Employment

Highly relevant tasks may include, but are not limited to:

- assisting a Civil / Structural Engineer in preparing documentation for works such as drainage, water supply, sewerage reticulation systems, stormwater, roads, airports, dams, bridges and other structures.
- preparing drawings such as sketches and documentation.
- prepares specifications.
- carries out surveys and prepares survey reports.
- ability to use specific computer software or hand drawings to complete relevant tasks.
- assists in programming the work, checking materials.
- may inspect works onsite.
- may organise and supervise maintenance and repair work of plumbing and water supply systems.
- designs sanitary plumbing and water supply systems including fire service systems.
- maintains close contact with construction workers and project managers.

Employment context

Categories of acceptable employment contexts include (but not limited to):

- Engineering consultancy firm (may specialise in structural / civil works / transport / hydraulic / fire services / environmental / waste management / site preparation / geotechnical / coastal)
- Construction / Demolition
- Off-site modular / pre-fabrication company (e.g. precast concrete manufacturer)
- Landscape design consultancy firm
- Government authority within a relevant department
- Utility authority within a relevant department

Employment information

In order to be considered as a Civil Engineering Draftsperson, the position must be involved with the preparation and execution of drawings in the form of sketches and documentation, as well as charts and tabulations under the supervision of a Civil Engineer. The drawings should be created with the intent to allow contractors to prepare a tender price for the works, and be able to use the drawings in order to build civil / structural engineering projects.