

Information sheet



CHEMISTRY TECHNICIAN

(ANZSCO Code: 311411)

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, Skills and Employment.
- » 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 Chemistry Technician performs laboratory tests on organic and inorganic chemicals, analyses test data and carries out technical functions in support of Chemists or Chemical Engineers in a wide variety of areas such as fuels, agricultural products, food, pharmaceuticals, paints, metals, plastics, textiles, detergents, paper, fertilisers and cosmetics.

Alternative title:

Chemistry Technical Officer

Occupations considered suitable under this ANZSCO code:

- » Chemical Instrumentation Officer
- » Chemical Process Analyst
- » Chemistry Laboratory Technician
- » Dairy Laboratory Technician
- » Petroleum Laboratory Technician
- » Sugar Laboratory Assistant

Occupations not considered under this ANZSCO code:

- » Chemist
- » Biochemist
- » Industrial Pharmacist
- » Life Science Technician
- » Earth Science Technician
- » School Laboratory Technician

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

Chemistry 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.














Quality
ISO 9001

Infosheet: Chemistry Technician

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Qualification and employment criteria

Applicants must have fulfilled at least one of the following four criteria (1-4):

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.

4

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.



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Qualification and employment criteria continued...

*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 an 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

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

Highly relevant major fields of study include:

- » Chemistry

- » Laboratory technology

- » Chemical technology

- » Biochemistry

- » Analytical Chemistry

- » Medicinal Chemistry

- » Chemical Engineering

Employment

Highly relevant tasks include, but are not limited to:

- » Preparing materials for experimentation, such as freezing and slicing specimens and mixing chemicals

- » Collecting information and samples

- » Conducting field and laboratory experiments, tests and analyses

- » Presenting results in graphic and written form by preparing maps, charts, sketches, diagrams and reports

- » Performing routine mathematical calculations, and computations of measurements.

Additional tasks may include:

- » Conducting complex experiments, tests and analyses according to procedures

- » Preparing charts, sketches, diagrams and flow-charts and compiling data

- » Participating in fabricating, installing and modifying equipment, to ensure that critical standards are met

- » Controlling the quality and quantity of laboratory supplies by testing samples and monitoring usage

- » May assist in preparing technical reports and documents for publication

- » May be responsible for maintaining standards of raw material supplies and ensuring prescribed procedures are followed in production environments.

Employment information

Chemistry Technicians usually work in laboratories or in industrial facilities such as pharmaceutical, mining, food and consumer products industries as well environmental organisations.

Technicians working in school chemistry labs may be better suited to another ANZSCO occupation: 311414 School Laboratory Technician.

Those in a university/college role with involvement in research projects may be considered for the occupation of Chemistry Technician. They would need to demonstrate the primary focus of the role is on research and laboratory analysis and not tutoring/teaching. Tutoring, practicals and project supervision can be a part of the employment role but not the primary focus.

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.

