

MSL 40109

Certificate IV in Laboratory Techniques



This qualification is defined in the nationally endorsed cross-industry Laboratory Operations Training Package.

A Training Package links workplace competencies with qualifications under the Australian Qualifications Framework.

- ◆ Have your existing skills and knowledge recognised
- ◆ Gain a qualification or have a single competency recognised
- ◆ Contextualised to your workplace
- ◆ Flexible training delivery

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MSL 40109

Certificate IV in Laboratory Techniques

This qualification provides for those wishing to work **autonomously or with limited supervision** as a tester. Graduates will be able to progress through a career path to the appropriate level of employment, as technical assistants and technologists.

The nominal duration of the training program is up to **36 months**, although with recognition of current competency and self-paced learning, it can be completed appreciably sooner.

Laboratory technicians undertake a wide range of sampling and testing that requires the application of a broad technical knowledge and some scientific knowledge.

Although laboratory technicians generally work in a laboratory, they often work closely with other personnel throughout the workplace and with suppliers. They may assist other personnel to solve technical problems and to adjust formulations and production mixes. They may also train them to collect samples and conduct basic tests reliably.

Their work involves similar tasks within one scientific discipline with occasional peak periods and some interruptions.

Entry can be through:

- **a new-start traineeship***

*in Queensland, this is funded through the User Choice Program by the Department of Education and Training
*in NSW This training is funded by the NSW Government in partnership with the Commonwealth Government
*in SA This training is funded by the SA Government in partnership with the Commonwealth Government
*in ACT This training is funded by the ACT Government in partnership with the Commonwealth Government
*in NT This training is funded by the NT Government in partnership with the Commonwealth Government

- **an existing worker traineeship**

- **fee-for-service**

Programme Structure

Refer to our *unit selection form* and *competency unit summary booklets* for further information on the program structure

New features of the MSL training package

Because specialisation is a requirement in some industry sectors for the Certificate IV, Alan Bartlett Consulting may choose to issue a generic qualification:

‘Certificate IV in Laboratory Techniques’

or, where elective units of competency are packaged to suit a particular industry sector or specialisation, it may be more appropriate to issue a:

Certificate IV in Laboratory Techniques (specialising in xxxxxx)*

Industry sector/specialisations could include, but are not limited to:

- biological testing
- chemical testing
- construction materials testing
- environmental monitoring
- food testing
- wine testing
- manufacturing testing
- mineral assay
- pathology testing
- scientific glassblowing

*It should be noted that a qualification with a specialisation does not change the title of the qualification, although Alan Bartlett Consulting may choose to record the specialisation. The AQTF requirements must be complied with and the qualification or Statement of Attainment should clearly specify the units of competency achieved and where appropriate, the specialisation.

Alan Bartlett Consulting

Vocational Education & Training Specialists

- ◆ ABN 38 010 041 835
- ◆ ACN 010 041 835
- ◆ National RTO No 5800
- ◆ Registered to deliver training and issue qualifications from the following national training packages:
 - ◆ Chemicals, Hydrocarbons & Refining
 - ◆ Manufactured Mineral Products
 - ◆ Laboratory Operations
 - ◆ Business Services
 in all states and territories of Australia.
- ◆ Corporate Member Association of Geotechnical Testing Authorities

	Cert. I	Cert. II	Cert. III	Cert. IV	Diploma	Advanced Diploma
Laboratory Operations		✓	✓	✓	✓	✓
Chemical, Hydrocarbons & Refining		✓	✓	✓		
Manufactured Mineral Products		✓	✓	✓		
Business Services				✓	✓	

