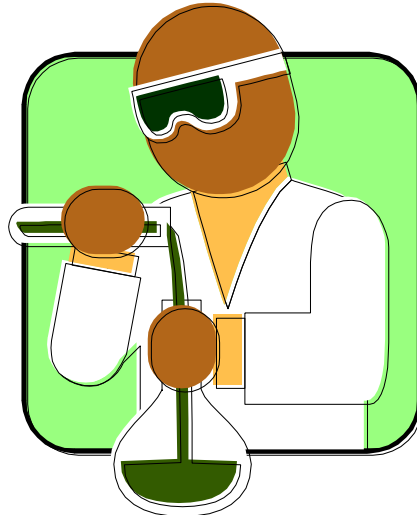


# MSL60109

## Advanced Diploma of Laboratory Operations



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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# MSL60109

## Advanced Diploma of Laboratory Operations

**Senior technicians or laboratory supervisors** are generally responsible for the planning, allocation of tasks, coordination, quality assurance, recording and reporting of laboratory outputs within their work area or project team. This requires significant judgement about work sequences, choice of appropriate technology and procedures to ensure that products and services meet customer expectations and are provided safely and efficiently in keeping with enterprise business plan. Under broad direction from scientists/medical staff/engineers the senior technician/supervisor accepts responsibility for the day to day operation of his/her work/functional area.

**Senior technicians** are required to have considerable technical insight, well developed analytical skills and the ability to apply in-depth specialist technical knowledge to determine methods of approach from a range of possible alternatives. They may be recognised as an authority in a particular technical activity or function because they keep up to date with the developments of their particular field. They may make original contributions to technical activities and are closely involved with continuous development of novel systems, methods or procedures.

**Senior technicians** are often responsible for the effective implementation of operational policies and the technical training of personnel in their work area. They also contribute significantly to the development of these policies through the application of specialised technical knowledge.

Entry can be through:

- ♦ 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 Advanced Diploma, Alan Bartlett Consulting may choose to issue a generic qualification:

‘Advanced Diploma of Laboratory Operations’

or, where elective units of competency are packaged to suit a particular industry sector or specialisation, Alan Bartlett Consulting might issue a:

Advanced Diploma of Laboratory Operations (specialising in xxxxxxxx)\*

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

- ◆ biological testing
- ◆ biological and environmental testing
- ◆ biotechnology
- ◆ calibration
- ◆ chemical testing
- ◆ construction materials testing
- ◆ environmental monitoring
- ◆ food testing
- ◆ wine testing
- ◆ manufacturing testing
- ◆ mineral assay
- ◆ pathology testing

\*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
- ◆ 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				✓	✓	

