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
MSL30116
Certificate III in Laboratory Skills

This qualification covers the skills and knowledge required to perform a limited range of laboratory operations across all industry sectors and is the entry level required for laboratory personnel across all industry sectors.

Employment outcomes targeted by this qualification include laboratory technicians, instrument operators and similar personnel.

**Laboratory technicians** perform straightforward laboratory work. They follow set procedures and recipes, and apply well developed technical skills and basic scientific knowledge. They generally work inside a laboratory but may also perform technical tasks in the field or within production plants. They may also perform a range of laboratory maintenance and office tasks.

The majority of their work involves a predictable flow of parallel or similar tasks within one scientific discipline. Laboratory technicians:

- perform straightforward technical tasks to prepare and test samples using relevant procedures, Australian Standards and readily available advice. These tasks generally require close attention to detail and to the accuracy and precision of measurements. They may require the use of manual or semi-automated techniques
- operate test equipment and instruments and make limited adjustments to their controls
- process and record data and recognise trends and out of control conditions
- solve predictable problems using clear information or known solutions. Where alternatives exist, they are limited and apparent
- work under close and regular supervision, although they may have autonomy for specific tasks and responsibility for their own outputs
- take decisions within defined limits of responsibility
- work as part of a team.

Training programs for this qualification are suitable to be undertaken as part of a formal training contract with an employer under an Australian Traineeship or Apprenticeship arrangement.

The nominal duration of the training program is up to 24 months*, although with recognition of current competency and self-paced learning, it can be completed appreciably sooner.

*Nominal durations may vary through state and territory arrangements. Please refer to the state arrangements for the state or territory for which you intend to participate in your course.

Entry may be through:

- a **new-start traineeship**
  *(in Queensland, this is funded through the User Choice Program by the Department of Education, Training and Employment)*
  *(in NSW This training is funded by the NSW 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)*
  *(in TAS this training is funded by Skills Tasmania)*

- **fee-for-service**
MSL30116
Certificate III in Laboratory Skills

Program 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 III, Alan Bartlett Consulting Pty Ltd may choose to issue a generic qualification:

‘Certificate III in Laboratory Skills’

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

‘Certificate III in Laboratory Skills (specialising in xxxxxxx)’*

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

- construction materials testing
- environmental monitoring
- food testing
- pathology testing
- mineral assay
- wine 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 VQF 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.
- **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:
  - Business Services
  - Forest and Wood Products
  - Foundation Skills
  - Furnishing Services
  - Laboratory Operations
  - Manufactured Mineral Products
  - Property Services
  - Sport, Fitness and Recreation
  - Tourism, Travel and Hospitality

in all states and territories of Australia.

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