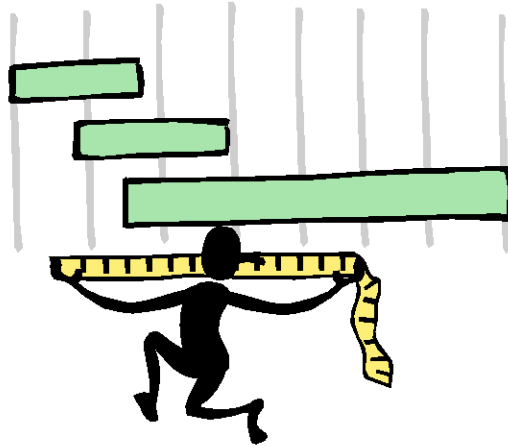


# PML 20104

## Certificate II in Sampling and Measurement



This qualification is defined in the nationally endorsed cross industry Laboratory Operations Training Package (PML 04).

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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# PML 20104

## Certificate II in Sampling and Measurement

This is the entry qualification for those wishing to follow a career in sampling and testing.

The nominal duration of the training program is up to 12 months, although with recognition of current competency and self-paced learning, it can be completed appreciably sooner.

Graduates will be able to progress through a career path to the appropriate level of employment, as samplers/testers, technical assistants, laboratory technicians, and technologists.

**Samplers and Testers** perform limited sampling and testing. They apply a restricted range of skills and operational knowledge to perform these tasks and do not generally work inside a laboratory. They:

- ♦ follow set procedures to sample raw materials and products
- ♦ may package, label, store and transport samples
- ♦ use simple equipment (hydrometers, thermometers, pH meters) to make measurements and perform basic tests that take a short time and involve a narrow range of variables and easily recognised control limits
- ♦ may make visual inspection of products and packaging.

Entry may be through:

- ♦ fee-for-service

# Programme Structure – 7 units of competency:

## Three compulsory core units:

PML DATA 200 A Record and present data

PML OHS 302 A Participate in laboratory/field workplace safety

PML ORG 200 A Work within a laboratory/field workplace (induction)

## Plus four elective units

The elective units must include:

- ◆ a minimum of one (1) unit from the PML 200 series units, shown in *italics* in the list of electives below
- ◆ a maximum of two (2) units from the PML 300 series
- ◆ a maximum of two (2) relevant units from other endorsed Training Packages.

Units may be selected from:

PMLSAMP200A Collect routine site samples

PMLSAMP201A Handle and transport samples or equipment

PMLTEST200A Conduct routine site measurements

PMLCOM300B Communicate with other people

PMLMAIN300B Maintain the laboratory fit for purpose

PMLOHS301B Work safely with instruments that emit ionising radiation

PMLORG301A Plan and conduct laboratory/field work

PMLQUAL300B Contribute to the achievement of quality objectives

PMLQUAL301B Apply critical control point requirements

PMLSAMP302A Receive and prepare samples for testing

PMLTEST300B Perform basic tests

PMLTEST303B Prepare working solutions

PMLTEST305B Perform aseptic techniques

PMLTEST306B Assist with fieldwork

PMLTEST307B Prepare trial batches for evaluation

PMLTEST308A Perform microscopic examination

PMLTEST310A Perform histological techniques

*Other units may be available, subject to demand.*

# 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:
  - ◆ PMA 02 Chemicals, Hydrocarbons & Oil Refining
  - ◆ PMC 04 Manufactured Mineral Products
  - ◆ PML 04 Laboratory Operations
 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 & Oil Refining	✓	✓	✓	✓		
Manufactured Mineral Products	✓	✓	✓	✓		

