



Australian Government

Assessment Requirements for MSL914002

Prepare practical science classes and demonstrations

Release: 1

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Modification History

Release	Comments
Release 1	<p>This version was released in <i>MSL Laboratory Operations Training Package Release 2.0</i>.</p> <p>Supersedes and equivalent to MSL914001 Prepare practical science classes and demonstrations. Range of conditions removed. Assessment requirements amended.</p>

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- effectively planned and prepared 2 different practical science classes including:
 - conducting laboratory experiments and demonstrations with the correct materials and equipment
 - working effectively with students and staff who may have diverse work styles, cultures and perspectives
- managed resources for science classes and demonstrations.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- principles of risk assessment, risk management and hierarchy of control
- typical hazards and risk assessments associated with practical science classes and demonstrations
- risk control methods for typical hazards
- principles of small scale budgeting, operational planning and efficient resource use
- scientific terminology and technical details of sampling, testing, equipment and instrumentation used in the education program's practical activities
- principles of good laboratory practice (GLP)
- awareness of environmental sustainability issues as they relate to the work task
- legal, ethical and work health and safety (WHS) requirements specific to the work task.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - laboratory/field work environment, equipment and materials
 - personal protective equipment (PPE) and safety equipment
 - WHS management system, policies and procedures
- modelling of industry operating conditions, including:
 - access to staff and students.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

MSL Laboratory Operations Companion Volume Implementation Guide is available from VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5c63a03b-4a6b-4ae5-9560-1e3c5f462baa>