



Australian Government

Assessment Requirements for FBPLAB2001 Use basic laboratory equipment

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has set up, accurately used and cleaned basic laboratory equipment to perform four tasks from the following list:

- weighing
- centrifuging
- separating
- pipetting
- measuring
- titrating
- sterilising.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- purpose and methods of use for a range of basic laboratory equipment
- purpose and methods used to calibrate equipment
- operation of equipment and instrumentation components
- standard tests carried out in the workplace and their purpose
- health and safety requirements for hazards and controls relevant to work role
- environmental issues and controls relevant to work role
- safety data sheets (SDS) for chemicals used
- workplace requirements for recording and reporting problems
- cleaning and sanitising requirements of equipment and work area.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a standard laboratory or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - a laboratory space equipped with basic test equipment, sterilisation equipment, common measuring instruments, disinfecting and sterilising agents and media
- specifications:
 - standard methods, workplace procedures, SDS and equipment manuals.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>