



Australian Government

FBPOPR1008 Take and record basic measurements

Release: 1

FBPOPR1008 Take and record basic measurements

Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 1.0

Application

This unit of competency describes the skills and knowledge required to use basic measuring equipment and devices, and read and record the results.

This unit applies to individuals who work alongside a supervisor in most situations and exercise limited autonomy. Applications include simple tests that involve automated measuring devices.

All work must be carried out to comply with workplace procedures, in accordance with State/Territory work health and safety legislation that apply to the workplace.

No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Operational (OP)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Identify measurement requirements	1.1 Identify the purpose of the measuring task 1.2 Identify measuring requirements, including frequency and accuracy range 1.3 Confirm that measuring equipment is available and fit for purpose

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Take measurements	2.1 Carry out measuring tasks to requirements and according to work health and safety procedures 2.2 Check measurement results for accuracy 2.3 Identify non-standard or out-of-range results and report to supervisor 2.4 Record the results of measurements in the required format

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Navigate the world of work	- With guidance, identify main tasks, rights and responsibilities of own role - Follow instructions to complete a limited set of well-defined tasks - Meet a limited range of explicit workplace conventions and protocols
Interact with others	- Ask simple questions and listen carefully to clarify understanding or seek further information - Follow basic communication protocols and conventions - Recognise basic values, beliefs and cultural expectations of others - Follow scripts or use simple templates for routine communication tasks
Get the work done	- Follow simple, clear instructions - Keep track of work activities - Recognise and seek guidance to correct simple problems - Take responsibility for and reflect on low-impact decisions - Recognise and support the application of new ideas

Unit Mapping Information

Code and title	Code and title	Comments	Equivalence status
----------------	----------------	----------	--------------------

current version	previous version		
FBPOPR1008 Take and record basic measurements	FDFOP1008A Take and record basic measurements	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>

Assessment Requirements for FBPOPR1008 Take and record basic measurements

Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 1.0

Performance Evidence

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

There must be evidence that the individual has used basic measuring equipment and devices and read and recorded the results on at least one occasion, including:

- accessing workplace information on measurement requirements and procedures relating to own work, including information about the types of measurements to be carried out, the equipment/devices to be used, frequency of measurement, and related recording requirements
- locating measuring equipment/device and confirming that it is suitable for use (this will vary depending on the nature of the equipment/device), such as taring scales, and confirming calibration of devices (e.g. pH meters)
- locating materials/items to be measured
- following procedures to conduct measurements
- determining and interpreting measurement results, including checking measurement accuracy, and, where results are out of the required range, reporting to appropriate personnel and following instructions on corrective action
- recording results as required in the appropriate format, such as completing log sheets
- following work health and safety procedures.

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 of measuring as applied to work responsibilities, and related measuring equipment and units of measurement, including the required accuracy of the measurement and the capability/accuracy level of equipment used
- measuring equipment/device preparation requirements and purpose, including calibration requirements and responsibilities for maintaining accurate measuring equipment/devices (at this level, responsibility may involve confirming calibration by following defined check methods)

- work health and safety hazards associated with using the measuring equipment/device and related safe operating procedures
- typical/required range for measurement results
- common factors and conditions that could affect the measurement result
- procedures to follow where measurements are out of range, such as repeating the measurement one or more times
- consequences of measurements that are out of range
- responsibilities to report measurement information.
-

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - measuring equipment/devices
 - materials/items to be measured
 - recording and reporting system
- specifications:
 - work procedures and instructions relating to measuring requirements, including advice on safe work practices.

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

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>