



Australian Government

FSKNUM004 Use basic and familiar metric measurements for work

Release: 1

FSKNUM004 Use basic and familiar metric measurements for work

Modification History

Release	Comments
Release 1	This version first released with FSK Foundation Skills Training Package Version 2.0.

Application

This unit describes the skills and knowledge to use basic and familiar metric measurements and quantities in simple workplace tasks and texts. It includes locating and recognising measurement information, performing simple mathematical processes with measurements and communicating simple measurement information.

An individual performing these tasks works alongside an expert or mentor where prompting and advice can be provided as needed.

This unit applies to individuals who use, or are preparing to use, numeracy skills to complete workplace activities. This includes existing workers and individuals preparing for employment through vocational education and training. This unit can be integrated and contextualised with vocational training to support achievement of vocational competency.

This unit is aligned to, but does not fully address, the Australian Core Skills Framework (ACSF) numeracy core skill indicators .09, .10 and .11 at level 1 in the workplace and employment domain of communication.

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

Unit Sector

Numeracy

Elements and Performance Criteria

Element	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 basic and familiar metric	1.1 Locate basic and familiar metric measurements in highly familiar short and simple written workplace texts and tasks

Element	Performance Criteria
measurements	1.2 Describe orally basic and familiar metric measurements in highly familiar short and simple written workplace texts and tasks
2. Use simple measurement processes	2.1 Perform basic and familiar metric measurements using simple workplace measurement equipment graduated in simple and familiar units 2.2 Compare basic and familiar metric measurements to perform concrete workplace tasks involving one step 2.3 Calculate measurements using simple addition and subtraction to calculate measurements to complete concrete workplace task involving one step 2.4 Perform rough check of the reasonableness of simple measurement result with support
3. Communicate simple measurement information	3.1 Use highly familiar and simple written representation to document simple workplace measurement information in highly familiar workplace texts and tasks 3.2 Use everyday informal oral language to discuss simple measurement information in highly familiar workplace tasks and conversations

Foundation Skills

This section describes language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Mapping Information

Supersedes and is equivalent to FSKNUM04 Locate, compare and use highly familiar measurements for work.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=f572fe10-a855-4986-9295-3852c771f178>

Assessment Requirements for FSKNUM004 Use basic and familiar metric measurements for work

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- identify basic and familiar metric measurement information in a highly familiar short and simple oral communication and a written workplace text with a highly explicit purpose, including:
 - locating and recognising three of the following:
 - length, width, height or depth
 - mass
 - capacity or volume
 - digital 12- hour time
 - temperature
 - dates
- use simple measurement processes to perform a workplace task involving at least three of the above measurements including:
 - estimating, selecting and using highly familiar measurement tools to measure using simple and familiar units
 - roughly checking the reasonableness of the result with support.
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Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- purpose and application of basic and familiar metric measurement in the workplace
- meaning and abbreviations for basic and familiar metric units
- purpose, function, set up and safe use of basic and familiar measuring tools and equipment
- purpose, application and method for adding, subtracting and comparing basic and familiar measurements in the workplace

- purpose and method for performing rough check of the reasonableness of the outcome with support
- everyday, informal comparative oral language for measurement
- simple mathematical symbols and abbreviations used in measurement.
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Assessment Conditions

Competency is to be assessed in the workplace, a workplace simulated environment or a vocational training context.

Assistive technologies can be utilised to assist with oral and written communication.

Skills must be demonstrated using short and simple texts and tasks that reflect those typically found in a workplace.

The following resources are to be made available:

- an expert or mentor to provide prompting and advice to learner, as needed
- a calculator
- basic and familiar measuring tools and equipment.

Assessors must:

- satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards, and
- have sound knowledge of the ACSF and performance features of the ACSF level being assessed, and
- have demonstrable expertise, knowledge and skills in the vocational contextualisation and assessment of the core skill, numeracy, and
- have completed the following or equivalent:
 - TAESS00009 Address Foundation Skills in Vocational Practice Skill Set; or
 - a higher level education qualification, such as:
 - TAE80113 Graduate Diploma of Adult Language, Literacy and Numeracy Practice (and its equivalent TAE70111); or
 - Bachelor of Education, Graduate Certificate or Graduate Diploma of Education, or higher. This may include qualifications relating to TESOL, adult education or vocational education.

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