



Australian Government

FSKNUM009 Use familiar and simple metric measurements for work

Release: 1

FSKNUM009 Use familiar and simple 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 required to use familiar and simple metric measurements in familiar workplace tasks and texts. It includes identifying and interpreting measurement information, performing simple measurement processes, and communicating familiar measurement information.

An individual performing these tasks may work with an expert or mentor where support is available, if requested.

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 should be integrated and contextualised with vocational training to support achievement of vocational competency.

The 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 2 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 and interpret simple metric	1.1 Identify measurement information partially embedded in familiar workplace tasks and texts in order to complete workplace

Element	Performance Criteria
measurements	measurement task 1.2 Interpret measurement information partially embedded in familiar workplace tasks and texts in order to complete workplace measurement task
2. Use familiar measurement processes	2.1 Select familiar measurement process relevant to workplace task 2.2 Estimate outcome of measurement to perform explicit, familiar and predictable workplace task involving more than one familiar step 2.3 Perform familiar metric measurements using simple workplace measurement equipment graded in familiar units 2.4 Calculate measurements using simple arithmetical processes to complete explicit workplace task involving more than one step 2.5 Perform reasonableness check of familiar measurement process and outcome in relation to estimation outcomes and workplace context
3. Communicate familiar measurement information	3.1 Use informal and some formal mathematical written representation to write familiar measurement process information in simple and familiar workplace texts and tasks 3.2 Use informal and some formal mathematical oral language to discuss familiar measurement process information in simple and familiar workplace tasks and texts

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 FSKNUM09 Identify, measure and estimate familiar quantities 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 FSKNUM009 Use familiar and simple metric measurements for work

Modification History

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

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:

- interpret simple metric measurement information and units of measurement partially embedded in familiar oral and written workplace texts, including at least three of the following:
 - dimensions: length, width, height or depth
 - mass
 - capacity or volume
 - temperature
 - time
- use familiar measurement processes to perform a workplace task including at least three of the above measurements, including:
 - estimating and selecting familiar measurement tools to measure
 - calculating addition and subtraction of measurements
 - checking reasonableness of the measurement process and outcome in relation to estimated outcome and to the workplace context.

In the course of the above the candidate must demonstrate use of relevant technology, such as calculators or spreadsheets.

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 of workplace measurement relevant to meeting workplace objectives
- purpose, meaning and abbreviations for familiar metric units
- purpose, function, selection, set up and safe use of simple measuring tools and equipment
- methods to estimate, measure and calculate measurements

- methods to perform reasonableness check of processes and outcomes in relation to the workplace context
- informal and some formal mathematical written language and symbolism
- relevant technology, such as calculators or spreadsheets.
-

Assessment Conditions

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

Skills must be demonstrated using familiar texts and tasks with a clear purpose that reflect those typically found in a workplace.

The following resources are to be made available:

- an expert or mentor to provide support to learner if requested
- simple measuring equipment for workplace tasks.

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.
-

Links

Companion Volume Implementation Guide is found on VETNet -

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