



Australian Government

FSKNUM15 Estimate, measure and calculate with routine metric measurements for work

Release: 1

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Modification History

Release	Comments
Release 1	This streamlined version first released with <i>FSK Foundation Skills Training Package version 1.0</i> .

Application

This unit describes the skills and knowledge required to use routine measuring equipment, to convert units within the metric system, to estimate and calculate routine measurements including simple area of rectangles and squares.

This unit applies to individuals who need numeracy skills at Australian Core Skills Framework (ACSF) level 3 to undertake a vocational training pathway or workplace tasks.

This unit is designed for integration and contextualisation with vocational units to support achievement of vocational competency.

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. Estimate and make routine measurements for work	1.1 Select and interpret measurement information in workplace tasks and texts 1.2 Identify and select appropriate routine measuring equipment 1.3 Estimate and make measurements using correct units
2. Undertake calculations involving measurement	2.1 Estimate and calculate using routine measurements 2.2 Perform conversions between routinely used metric units

Element	Performance Criteria
	2.3 Use problem solving processes to undertake the tasks
3. Check and communicate results	3.1 Make estimations to check reasonableness of problem solving process, outcome and its appropriateness to the context and task 3.2 Record the information using mathematical language and symbols appropriate to discuss the task

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Learning		Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Mapping Information

Not applicable

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for FSKNUM15 Estimate, measure and calculate with routine metric measurements for work

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Performance Evidence

Evidence of the ability to:

- perform routine measurements
- convert between routine units of measurement
- perform routine measurement calculations
- record results using appropriate unit.

Note: Where a specific volume and/or frequency is not specified, evidence must be provided at least once.

Knowledge Evidence

Evidence of the following knowledge must be demonstrated:

- metric unit prefixes – meaning of milli, centi, kilo
 - use of appropriate routine equipment e.g. setting weight scales at zero before weighing.

Assessment Conditions

Assessment texts and tasks reflect those typically found in the workplace.

Individuals can access own familiar support resources.

Culturally appropriate processes and techniques suited to the language, literacy and numeracy capacity of individuals and the work being performed must be used.

Reasonable adjustments can be made to ensure equity in assessment for people with disabilities.

Assessors must satisfy NVR/AQTF assessor requirements, have a sound knowledge of the ACSF and have demonstrable expertise in the vocational contextualisation and assessment of the core skill - numeracy.

Links

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