



Australian Government

FSKNUM32 Use and calculate with complex measurements for work

Release: 1

FSKNUM32 Use and calculate with complex measurements for work

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 to use and calculate with complex measurements. This includes calculating complex areas and volumes.

This unit applies to individuals who need numeracy skills at Australian Core Skills Framework (ACSF) level 5 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. Extract and analyse measurement information	1.1 Extract measurement information that may be highly embedded in complex texts 1.2 Analyse and comprehend complex measurement information
2. Undertake mathematical processes using measurement	2.1 Estimate and make accurate measurements 2.2 Calculate the surface area and volume of complex shapes 2.3 Solve complex problems involving measurement 2.4 Perform conversions between units of measurement
3. Check and communicate results	3.1 Review and check the outcomes 3.2 Use and record the information using mathematical language and symbols appropriate for 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
Technology		Uses a scientific calculator

Mapping Information

Not applicable

Links

Companion volumes from the IBSA website - <http://www.ibsa.org.au>