



Australian Government

Assessment Requirements for MSS025024

Produce site maps

Release: 1

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Modification History

Release 1. Unit code changed. Application changed. Elements changed. Performance Criteria changed. Foundation Skills populated. Range of Conditions removed. Assessment Requirements changed. Supersedes and is equivalent to MSS025005 Produce site maps.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- produce at least 2 site maps which present different sets of data
- use software to produce supporting information for each map in both written and visual formats.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- environmental terms, concepts, and features relevant to data sets and maps
- types and functions of maps, charts, aerial photos and their advantages/disadvantages including at least 3 of the following:
 - topographic
 - land use and land title maps
 - vegetation, soils and regional ecosystem maps
 - air photos
 - satellite imagery
 - thematic maps produced using geographic information system (GIS) software, such as Mapinfo and Arcview
- map conventions, symbols and representation of topographical features on maps and plans
- mapping principles, including layout, legend, scale, media, printing and presentation styles
- methods of scaling information and plotting data
- visualisation of data including graphs, tables or diagrams
- use of software and hardware, such as printers and plotters
- functional components of a compass/global positioning system (GPS) and factors affecting compass/GPS accuracy
- techniques for estimating distance and taking bearings
- legislation, regulations, licences and permit requirements relevant to site and field work
- environmental management plan framework of policy, procedures and management plans for site
- common site hazards and control measures

- health safety and environmental requirements, including field safety and survival principles.
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Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - site/project history, maps and aerial photos
 - guidelines, codes, regulations, and workplace procedures governing data collection
 - relevant field equipment, GPS receivers and related GPS software
 - relevant computer software and hardware
 - access to relevant existing data sets
- modelling of industry operating conditions.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5b04f318-804f-4dc0-9463-c3fb9a3fe998>