



Australian Government

Assessment Requirements for MSS024011 Navigate in urban, regional and remote areas

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MSS024011A Navigate in urban, regional and remote areas

Performance Evidence

Evidence of competence in this unit must satisfy all of the requirements of the elements and performance criteria, and include demonstration of:

- reading and interpreting maps, plans and photos to locate their position and navigating safe and efficient routes to at least two (2) different locations (urban and non-urban)
- locating and interpreting relevant maps, route requirements, manuals and site/project information
- identifying and safely following a pre-determined route
- recognising potential hazards and surroundings and interpreting maps, signs and navigation data in a timely manner
- developing safe, alternative routes in response to unforeseen or changed circumstances
- estimating distance, average speed and journey times, and bearings
- seeking advice when issues/problems are beyond scope of competence/responsibility
- following procedures for working safely and responding to emergency incidents and accidents.

Knowledge Evidence

Must provide evidence that demonstrates knowledge of:

- types of maps, charts, aerial photos and advantages and/or disadvantages of their use
- use and manipulation of scales used on maps and plans
- symbols and representation of topographical features on maps and plans
- functional components of a compass/global positioning system (GPS) and factors affecting compass/GPS accuracy
- techniques for estimating distance and taking bearings
- relevant hazards, health, safety and environment requirements.

Assessment Conditions

- Judgement of competence must be based on holistic assessment of the evidence. Assessment methods must confirm consistency of performance over time, rather than a single assessment event.
- This unit of competency is to be assessed in the workplace, or a simulated workplace environment. A simulated workplace environment must reflect realistic operational workplace conditions that cover all aspects of workplace performance, including the environment, task skills, task management skills, contingency management skills and job role environment skills.
- Foundation skills are integral to competent performance of the unit and should not be assessed separately.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.
- Knowledge evidence may be collected concurrently with performance evidence or through an independent process such as workbooks, written assessments or interviews (provided a record is kept in each case).
- Holistic assessment methods include:
 - review of route plans/transport records prepared by the candidate
 - feedback from peers and/or supervisors that the candidate can navigate accurately and consistently; and follows workplace procedures covering safety and travel
 - oral and/or written questions to assess the candidate's knowledge of planning routes and using maps and navigation data
 - observation of the candidate navigating safely and efficiently between specified map locations.
- Access is required to all instruments, equipment, materials, workplace documentation, procedures, and specifications associated with this unit including, but not limited to:
 - physical resources required for navigation task, such as maps, laptop computer/internet/phone, GPS, compass and photos
 - documentation including site/project history, user manuals, workplace procedures (e.g. safety and travel).
- Assessors must satisfy the assessor competency requirements that are in place at the time of the assessment as set by the VET regulator.
- The assessor must demonstrate both technical competency and currency.
- Technical competence can be demonstrated through:
 - relevant VET or other qualification/Statement of Attainment AND/OR
 - relevant workplace experience
- Currency can be demonstrated through:
 - performing the competency being assessed as part of current employment OR
 - having consulted with an organisation providing environmental monitoring, management or technology related services about performing the competency being assessed within the last twelve months.

Links

MSA Training Package Implementation Guides - <http://mskills.org.au/training-packages/info/>