MSS024023 Navigate in urban, regional and remote areas

Release: 1

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Modification History

Release 1. Updated unit code. Changes to performance criteria. Range of conditions removed. Assessment requirements amended. Equivalent outcome.

Application

This unit describes the skills and knowledge to read and interpret maps, plans and photos to locate position and navigate safe and efficient routes to urban and regional and remote destinations.

This unit applies to environmental technicians working in all industry sectors as well as a wide range of other technicians, paraprofessionals, operators and drivers.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

Nil

Competency Field

Data

Unit Sector

Environmental

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 **Navigate in urban areas**	1.1 Access relevant street directories and road maps
	1.2 Read and interpret map symbols
	1.3 Use the directory index to locate departure and destination points on map
	1.4 Trace the pre-determined or most efficient route on map and estimate distance and duration of journey
	1.5 Identify significant intersections and landmarks along

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	route to assist with navigation
	1.6 Identify alternate routes in case of emergencies or significant traffic delays
	1.7 Follow selected route correctly
2 **Plan routes in regional and remote areas**	2.1 Locate and read relevant legislative and regulatory, workplace requirements and background information for site or project
	2.2 Select suitable maps, aerial photos, guides and charts and check their currency and accuracy
	2.3 Select navigational equipment, check that it is fit for purpose and service or replace
	2.4 Read and interpret map symbols and navigation data to identify departure and destination points, potential hazards and select an appropriate traverse route
	2.5 Estimate distance and duration of journey using map scale and available information about the terrain and vehicle
3 **Navigate in regional and remote areas**	3.1 Correctly orientate map with surroundings
	3.2 Identify field position and destination on map using landforms, landmarks and navigation equipment
	3.3 Correctly use navigation aids, equipment and maps to follow planned route and schedule
	3.4 Use alternate routes to avoid hazards, safely bypass obstacles or improve efficiency of route
	3.5 Maintain communication in accordance with workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Release 1. Supersedes and is equivalent to MSS024011 Navigate in urban, regional and remote areas.

Links

The MSS Sustainability Companion Volume implementation Guides are available from VETNet: -
https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5b04f318-804f-4dc0-9463-c3fb9a3fe998