



Australian Government

RIISTD201E Read and interpret maps

Release: 1

RIISTD201E Read and interpret maps

Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0.

Application

This unit describes the skills and knowledge required to read and interpret maps in the resources and infrastructure industries. This includes reviewing map routes using symbols, navigation data, landmarks and scale, and identifying obstacles to navigate alternative routes.

It applies to those working in operational roles. They generally work under supervision to undertake a prescribed range of functions involving known routines and procedures and take some responsibility for the quality of work outcomes.

Licensing, legislative and certification requirements that apply to this unit can vary between states, territories and industry sectors. Users must check requirements with relevant body before applying the unit.

Unit Sector

Civil construction

Coal mining

Drilling

Extractive industries

Metalliferous mining

Mineral exploration

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. Plan and prepare to read and interpret maps	1.1 Obtain, interpret, clarify and confirm navigation information, travel details and work instructions 1.2 Access, interpret and apply documentation required to read and interpret maps 1.3 Select maps, equipment and navigation aids, and confirm accuracy,

ELEMENT	PERFORMANCE CRITERIA
	currency and operation 1.4 Identify faults in maps and equipment, and record, report and address issues according to job requirements 1.5 Establish and maintain communication plan according to job requirements
2. Plan route	2.1 Assess and select route to destination, using information from maps, plan, field observations, and job requirements 2.2 Examine maps, and identify symbols, information and navigation data according to job requirements 2.3 Identify and locate current position on map using landmarks and key geographical features 2.4 Review map route, plan, field observations, and local knowledge according to job requirements 2.5 Identify potential hazards and plan risk control measures 2.6 Measure and estimate distance to destination using map scale for selected route 2.7 Document planned route according to job requirements
3. Conduct navigation	3.1 Navigate planned route and schedule according to job requirements 3.2 Orientate map to surroundings and planned route 3.3 Use and interpret navigation aids according to job requirements 3.4 Navigate alternative routes to bypass obstacles or improve efficiency of route

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Numeracy	Calculates basic measurements including mass and dimensions
Oral communication	- Identifies and interprets information from verbal instructions - Conveys information and instructions to others verbally
Self-management	Monitors and minimises own exposure to worksite risks and hazards during work activities
Writing	Communicates and documents information in written form

Unit Mapping Information

Supersedes and is equivalent to RIISTD201D Read and interpret maps.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>