



Australian Government

Assessment Requirements for RIIEGS305D Navigate in remote or trackless areas

Release: 2

Assessment Requirements for RIEGS305D Navigate in remote or trackless areas

Modification History

Release	Comment
1	This unit replaces RIEGS305B Navigate in remote or trackless areas
2	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locates and applies relevant documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient completion of navigating in remote or trackless areas including:
 - using a compass, and identifying factors that affect their accuracy
 - identifying and applying navigational symbols and information on a map
 - identifying and applying required maps to suit work activity
- identify and apply techniques for estimating distance
 - identify and apply environmental considerations
 - maintaining a compass bearing in poor visibility and/or extreme conditions
- demonstrates completion of navigating in remote and trackless areas that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - preparing a navigation data sheet/route card
 - navigating using combined map, compass and other techniques to follow the planned route
 - observing surroundings
 - fixing position accurately and regularly using appropriate navigation techniques
 - selecting an efficient route choice for the surroundings and conditions
 - employing suitable combinations of navigation techniques to fix position and identify unknown features when in unfamiliar surroundings/location

Knowledge Evidence

The candidate must demonstrate knowledge of navigating in remote or trackless areas through:

- identifying factors affecting navigation techniques in extreme environmental conditions
- identifying map types and sources of error
- identifying navigation techniques and aids
- planning and preparing navigation data sheets
- identifying route planning and issues that should be considered in extreme environmental conditions
- identifying methods for estimation of travelling times in unmodified landscape and/or difficult terrain/conditions
- identifying and applying techniques for estimating distance travelled in poor visibility
- identifying techniques to navigate around obstacles

Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit must be assessed in the context of this sector's work environment; and,
- this unit must be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other Units of Competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,
- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,
- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

Industry sector	AQF** Level	Required assessor or Industry subject matter expert experience
Drilling, Metalliferous Mining, Coal	1	1 Year

Mining, Extractive (Quarrying) and Civil Construction	2	2 Years
Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 Years
Other sectors	Where this Unit is being assessed outside of the Resources and Infrastructure Sectors assessor and/or Industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no Industry standard is specified should comply with any relevant regulation.	

*Assessors can demonstrate current work experience through employment within Industry in a role relevant to the outcomes of the Unit; or, for external assessors this can be demonstrated through exposure to Industry by conducting frequent site assessments across various locations.

**Where a unit is being delivered outside of a Qualification the first numeric character in the Unit code should be considered to indicate the AQF level

Links

Companion Volume implementation guides are found in VETNet -

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