Assessment Requirements for MSS024029 Collect spatial and discrete environmental data

Assessment Requirements for MSS024029 Collect spatial and discrete environmental data

Modification History

Release 1. Unit code changed. Application changed. Performance Criteria changed. Foundation Skills populated. Assessment Requirements changed. Supersedes and is equivalent to MSS024017 Collect spatial and discrete environmental data.

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:

- plan, collect and process global positioning system (GPS) and environmental data to meet at least 2 sets of specifications
- complete documentation and/or reporting requirements for each set of specifications.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- functions and operating principles of GPS equipment and software
- environmental terms, concepts and principles relevant to data collection
- environmental data verification including comparison with expected or reference values, conducting repeat tests, and using duplicate samples or locations
- legislative requirements, standard methods and/or workplace procedures relevant to site or project and data collection, processing and reporting
- sources of background information
- uncertainty, accuracy and precision of measurements and data quality requirements
- common data formats for spatial data
- methods for data processing, manipulation and management
- common site hazards and control measures
- health, safety and environment requirements, including field safety and survival principles.

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:
  - maps and photos of site/s
  - site reports/history

- environmental management plan and related procedures and test methods
- sampling or monitoring equipment and instruments, GPS receivers and related GPS software, camera
- modelling of industry operating conditions, including:
  - access to site/s.

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