



**Australian Government**

# **Assessment Requirements for MSS025021**

## **Collect and evaluate groundwater data**

**Release: 1**

# Assessment Requirements for MSS025021 Collect and evaluate groundwater data

## Modification History

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

## Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- collected representative samples of groundwater in accordance with a site sampling plan for at least 2 sites
- measured bore conditions and conducted reliable field tests of groundwater parameters on at least 2 sites
- processed and interpreted groundwater data for at least 2 sites.

## Knowledge Evidence

There must be evidence the candidate has knowledge of:

- terminology used to describe aquifers, drilling and construction of wells and bores, and groundwater sampling and testing procedures
- principles of representative sampling and field testing of common groundwater parameters
- preservation of the integrity of samples
- maintaining identification of samples relative to their source, workplace and legal traceability requirements
- typical values of groundwater parameters, common pollutants and contaminants
- links between quality control, quality assurance, quality management systems and sampling procedures
- workplace procedures dealing with legislative requirements for the handling, labelling and transport of hazardous goods
- site hazards, links between safe work procedures and personal and environmental safety, particularly at high risk sites.

## 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 facilities, equipment and resources, including:
  - vehicle transport, sampling equipment, field test equipment, digital camera, containers, reagents, consumables

- safe work procedures and safety equipment
- workplace procedures, work program, maps, site plans, site sampling plans and test methods, and equipment manuals

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

## **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>