



Australian Government

Assessment Requirements for MSL972002

Take routine site measurements

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MSL972001 Conduct routine site measurements. Minor Title change. Minor changes to Performance Criteria. Range of Conditions removed. Performance Evidence simplified and duplication with Performance Criteria removed. Item about errors and atypical data moved to Knowledge Evidence. Other aspects of Knowledge Evidence changed for clarity.

Performance Evidence

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

- safely taken at least 3 direct measurements.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- basic measurement concepts, including repeatability, precision, accuracy and significant figures
 - international system of units (SI)
- purpose of measurements performed as part of job role and the principles of operation for the equipment/instruments used
- how to recognise obvious errors or atypical data and types of corrective actions, including:
 - logical check of equipment set-up
 - check of calibration, zero error and drift for basic instruments
 - careful re-reading of procedures
 - repeating measurements
 - seeking advice
- workplace procedures for:
 - the maintenance, storage and transport of measurement equipment
 - waste management
 - handling of hazardous materials
 - recording measurements
 - recognising and reporting unexpected or unusual results.
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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:
 - sampling locations
 - measuring equipment
 - workplace procedures for equipment and taking measurements.

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

Links

MSL Laboratory Operations Companion Volume Implementation Guide is available from VETNet – -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5c63a03b-4a6b-4ae5-9560-1e3c5f462baa>