



**Australian Government**

**Assessment Requirements for MSL935007  
Monitor the quality of test results and data**

**Release: 1**

# Assessment Requirements for MSL935007 Monitor the quality of test results and data

## Modification History

Release	Comments
Release 1	<p>This version was released in <i>MSL Laboratory Operations Training Package Release 2.0</i>.</p> <p>Supersedes and equivalent to MSL935001 Monitor the quality of test results and data. Foundation skills information added. Range of conditions removed. Assessment requirements amended.</p>

## Performance Evidence

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

- analysed at least 2 sets of test results and data to detect potential or actual non-conformances, assessed their significance, identified potential causes and recommended preventative or corrective actions
- reviewed the accuracy and completeness of at least 1 set of technical records for sampling or testing activities
- reviewed the accuracy and completeness of at least 1 set of instrument calibration/performance records.

## Knowledge Evidence

There must be evidence the candidate has knowledge of:

- characteristic properties of the materials under investigation
- specifications for samples, tests and/or calibration activities under investigation
- scientific and technical knowledge of the procedures, equipment, materials and instrumentation used to generate the test results and data
- charts, tables and statistical analysis tools to interpret results, estimate uncertainties and determine data acceptability
- sources of interference that may affect data
- human and environmental factors that may affect data
- workplace data quality procedures and/or legal traceability requirements
- instrument calibration/performance records
- typical sample collection and preparation problems and associated preventative/corrective actions

- National Association of Testing Authorities (NATA) accreditation program requirements
- legal, ethical and work health and safety (WHS) requirements specific to the work task.

## 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:
  - workplace quality assurance procedures based on Australian and/or international standards, and workplace quality manuals and procedures
  - technical records of sampling and testing activities, and instrument calibration/performance records
  - appropriate software
  - samples, sampling and testing equipment, instruments and materials.

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>