



Australian Government

Assessment Requirements for MSL935005 Authorise the issue of test results

Release: 1

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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 <i>MSL935003 Authorise the issue of test results</i>. Conditional/optional prerequisite removed. 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:

- verified the accuracy and completeness of at least 1 set of data, results and technical records for specified tests
- issued at least 1 set of specified test results in accordance with authorisation and workplace procedures
- reviewed at least 1 set of records of sampling, sample preparation, testing and/or calibration activities to identify potential causes of unacceptable data/results.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- workplace procedures for authorising the issue of specified test results
- relevant reporting requirements, such as the ISO Guide to the Expression of Uncertainty in Measurement, National Association of Testing Authorities (NATA) and/or test methods
- the confidence level required according to the National Measurement Act 1960 (e.g. 95% for most applications, but it may be higher)
- scientific and technical knowledge of the samples, procedures, equipment, materials and instrumentation used to generate the specified test results and data
- statistical tests used to estimate uncertainties and determine data acceptability
- estimates of uncertainty
- expected values for data and results and the uncertainty components for specified test methods

- common sources of interference, human and environmental factors, sample preparation problems and relevant preventative/corrective actions associated with specified test result
- 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:
 - sampling and test methods, description of test set-up, data sets, results and technical records
 - calculator
 - spreadsheets and databases
 - computer, relevant software or laboratory information system
 - workplace quality procedures.

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>