



Australian Government

Assessment Requirements for MSL935003 Authorise the issue of test results

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MSL935003A Authorise the issue of test results

Performance Evidence

Evidence of competence in this unit must satisfy all of the requirements of the elements and performance criteria, and include demonstration of:

- verifying the accuracy and completeness of at least one (1) set of data, results and technical records for specified tests
- issuing at least one (1) set of specified test results in accordance with authorisation and workplace procedures
- reviewing at least one (1) set of records of sampling, sample preparation, testing and/or calibration activities to identify potential causes of unacceptable data/results
- using statistical tests to estimate uncertainties and determine data acceptability
- recognising unexpected or unacceptable data and results and then investigating the occurrence in a logical and efficient manner using effective problem-solving strategies
- rectifying results that are not consistent with expected values
- recommending appropriate preventative/corrective actions to control potential/actual non-conforming work
- explaining technical details of sampling, test methods and results to clients
- maintaining a professional approach and positive company/organisation image, including maintaining independence and an ability to resist improper influences.

Knowledge Evidence

Must provide evidence that demonstrates 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
- at least three (3) statistical tests used to estimate uncertainties and determine data acceptability
- 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 results

- confidentiality requirements relevant to job role
- work health and safety (WHS) and environmental management requirements relevant to job role.

Assessment Conditions

- Judgement of competence must be based on holistic assessment of the evidence. Assessment methods must confirm consistency of performance over time, rather than a single assessment event.
- This unit of competency is to be assessed in the workplace or a simulated workplace environment. A simulated workplace environment must reflect realistic operational workplace conditions that cover all aspects of workplace performance, including the environment, task skills, task management skills, contingency management skills and job role environment skills.
- Foundation skills are integral to competent performance of the unit and should not be assessed separately.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.
- Knowledge evidence may be collected concurrently with performance evidence or through an independent process, such as workbooks, written assessments or interviews (provided a record is kept in each case).
- This unit of competency may be assessed with:
 - MSL935001 Monitor the quality of test results and data
 - relevant MSL974000 and MSL975000 series units of competency that cover the ability to perform the tests involved, relevant data analysis and quality assurance procedures.
- Holistic assessment methods include:
 - review of records and test results verified and issued by the candidate
 - feedback from supervisors and clients regarding the candidate's ability to issue authorised test results
 - review of recommendations and reports prepared by the candidate
 - questions to assess understanding of procedures governing the authorised issue of test results, acceptability of data/results, sources of uncertainty and preventative/corrective actions.
- Access is required to instruments, equipment, materials, workplace documentation, procedures and specifications associated with this unit, including, but not limited to:
 - 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 assessor competency requirements that are in place at the time of the assessment as set by the VET regulator.

- The assessor must demonstrate both technical competence and currency.
- Technical competence can be demonstrated through:
 - relevant VET or other qualification/Statement of Attainment AND/OR
 - relevant workplace experience.
- Currency can be demonstrated through:
 - performing the competency being assessed as part of current employment OR
 - having consulted with a laboratory about performing the competency being assessed within the last twelve months.

Links

Companion Volume implementation guides are found in VETNet -

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