



Australian Government

**Assessment Requirements for MSL977007
Troubleshoot equipment and/or production
processes**

Release: 1

Assessment Requirements for MSL977007 Troubleshoot equipment and/or production processes

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 MSL977002 Troubleshoot equipment and/or production processes. Range of conditions removed. Assessment requirements amended. Equivalent outcome.</p>

Performance Evidence

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

- troubleshoot at least 2 different testing equipment/testing issues related to production processes to identify causes of problems and recommended corrective actions.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- principles and concepts that underpin operation of testing equipment and test methods
- overall characteristics, capabilities and limitations of testing equipment and its components
- functions of key equipment components and sub-systems and effects on outputs and results of modifying variables
- possible effects of matrix and impurities on analytical methods
- effects on outputs and results of varying test procedure and/or modifying test materials or reagents
- troubleshooting procedures and elimination techniques for isolating causes of problems
- mathematical and statistical procedures for evaluating test data
- workplace requirements for problem investigation and reporting
- awareness of environmental sustainability issues as they relate to the work task
- 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:
 - a standard laboratory equipped with appropriate equipment, samples, reagents and test methods, laboratory procedures and standard operating procedures (SOPs)
 - performance data, calibration and maintenance records relevant to investigation.

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

Links

Training Package Companion Volumes -

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