



Australian Government

Assessment Requirements for MSL905004 Perform non-standard calibrations

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 MSL905001 Perform non-standard calibrations. Foundation skills information added. 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:

- safely and accurately performed non-standard calibrations of test and measurement equipment in accordance with workplace procedures on at least two separate occasions.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- procedures, and implications, for changing or deviating from standard calibration methods and procedures
- structure and terminology used in standard calibration methods, procedures, requests and instructions
- Australian and international standards accuracy of measurement methods and results, expression of uncertainty (GUM), quantifying uncertainty in analytical measurement, quality assurance of measurement equipment
- registration/licensing and/or National Association of Testing Authorities (NATA) accreditation requirements
- test methods, calibration procedures and new technology published by international, national or regional standards, reputable technical organisations, scientific texts or journals and equipment manufacturers and the hierarchy of these reference materials
- common test equipment
- legal, ethical and workplace requirements specific to the work task
- fields where testing and calibration are conducted
- 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:
 - specialised calibration/test equipment, reference standards and materials and laboratory facilities
 - procedures and equipment specifications
 - workplace quality manual and 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>