



Australian Government

Assessment Requirements for MSL975055

Classify building sites

Release: 1

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Modification History

Release	Comments
Release 1	This version was released in <i>MSL Laboratory Operations Training Package Release 2.0</i>. Supersedes and equivalent to MSL975027 Classify building sites. Foundation skills information added. Range of conditions removed. Assessment requirements amended. Equivalent outcome.

Performance Evidence

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

- safely conducted at least 5 site classifications from the following list of Australian Standard site classes: S, M, H1, H2, E and P.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- importance of ethical/professional conduct of site classifications and legal implications of errors
- Australian and international standards and guidelines covering the requirements for the competence of testing and calibration laboratories, laboratory safety, and quality and environmental management and:
 - State/Territory Building Codes and Regulations
 - AS 2870-2011 Residential slabs and footings
 - AS 3798-2007 Guidelines on earthworks for commercial and residential developments
 - AS 1726-2017 Geotechnical site investigations
 - AS 1289 Set Methods of testing soils for engineering purposes
 - National Association of Testing Authorities (NATA) documents regarding construction materials testing (Field application document)
- engineering properties of soil and rock materials
- information required for footing system design
- methods of assigning a site classification
- influences of topography, site preparation, structures and vegetation on classification decisions
- in situ and laboratory test methods applicable to site classification

- common calculations (e.g. surface movement) used in site classification
- common sources of site misclassification, including:
 - misidentification of soil properties
 - non-recognition of fill or nature of fill
 - laboratory test results inconsistent with site observations and/or bore logs
- principles and purpose of test methods implemented (why they are used and what they demonstrate)
- technological advances that include automation
- 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 including traceability, confidentiality and security requirements of all client information, and laboratory data and records.

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:
 - client requirements, building site documentation, sampling data and test results
 - relevant codes, regulations, standards and test methods, and workplace procedures
 - calculator and/or computer with appropriate software.

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>