



Australian Government

Assessment Requirements for MSL954004
Obtain representative samples in
accordance with sampling plan

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 MSL954001 Obtain representative samples in accordance with sampling plan. 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:

- obtained samples from at least 3 different sampling points, that are representative of the source material and taken in accordance with a sampling plan.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- principles of representative sampling, including:
 - representative samples
 - preservation of integrity of samples
 - maintaining identification of samples relative to their source, workplace and legal traceability
 - cost-effectiveness of sampling
 - consistency of sampling procedures
- function of key sampling equipment/materials and principles of operation
- sampling principles, including random, systematic and stratified sampling
- characteristics of product/materials sampled as part of job role and likely contaminants
- methods to maintain the integrity of samples
- maps and site plans
- links between quality control, quality assurance, quality management systems and sampling procedures
- site and sampling hazards and the links between following WHS procedures and personal and environmental safety, particularly at high risk sites
- workplace and/or legal traceability requirements

- 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:
 - source material
 - a variety of sample types
 - sampling plans and procedures, sampling containers and sampling equipment, and sample preparation materials and equipment.

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>