



Australian Government

Assessment Requirements for MSL952001

Collect routine site samples

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MSL952001A Collect routine site samples

Performance Evidence

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

- locating services at sites
- collecting samples at field or production sites on at least three (3) occasions using specified equipment and standard/routine procedures
- collecting at least three (3) different types of samples
- collecting samples efficiently, safely and with minimal environmental impact in accordance with sampling procedures and plans
- maintaining the integrity and security of samples following safety procedures, workplace and/or legal traceability requirements
- completing sampling records using workplace procedures
- recognising own limitations and seeking timely advice
- liaising with others to access sites and conduct sampling efficiently.

Knowledge Evidence

Must provide evidence that demonstrates knowledge of:

- terminology and concepts, including sample, contamination, traceability, integrity and chain of custody, metrology and the international system of units (SI)
- types of samples, including grab samples (disturbed or undisturbed materials), composite samples (such as time, flow proportioned and horizontal/vertical cross section), and quality control samples (such as controls, background, duplicate and blanks)
- characteristics of product/materials sampled as part of job role
- purpose for which the samples have been collected
- function of key sampling equipment/materials and principles of operation
- sampling procedures covering labelling, preparation, storage, transport and disposal
- hazards, risks, environmental protection measures and work health and safety (WHS) procedures associated with routine sampling undertaken
- workplace procedures dealing with waste management, clean-up and spillage, handling, transport and storage of dangerous goods.

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:
 - MSL972001 Conduct routine site measurements
- Holistic assessment methods include:
 - review of sampling documentation completed by the candidate
 - review of the quality of samples collected by the candidate
 - observation of the candidate collecting a variety of samples at a range of sites
 - feedback from supervisors and clients that sampling plans were followed
 - oral/written questioning about sampling and safety procedures.
- Access is required to instruments, equipment, materials, workplace documentation, procedures and specifications associated with this unit, including, but not limited to:
 - field or production sites to sample and a variety of sample types
 - sampling tools, containers, equipment and 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.gov.au/Pages/TrainingDocs.aspx?q=5c63a03b-4a6b-4ae5-9560-1e3c5f462baa>

