



Australian Government

MSL952002 Handle and transport samples or equipment

Release: 2

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Modification History

Release	Comments
Release 2	Unit codes in Assessment Conditions updated. Equivalent outcome.
Release 1	Supersedes and is equivalent to MSL952002A Handle and transport samples or equipment.

Application

This unit of competency covers the ability to pick up and transport samples or test/calibration equipment in a way that ensures the integrity of subsequent test results.

This unit of competency is applicable to couriers and laboratory and field assistants in all industry sectors. The person transporting the items is not necessarily responsible for sampling or testing. This unit does not cover sample collection or the ability to handle and transport animals as might be defined under prevailing animal care and ethics legislation and practices.

While no specific licensing or certification requirements apply to this unit at the time of publication, laboratory operations are governed by relevant legislation, regulations and/or external accreditation requirements. Local requirements should be checked.

Pre-requisite Unit

Nil

Competency Field

Sampling

Unit Sector

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

- | | | | |
|---|---------------------------|-----|--|
| 1 | Prepare for pickup | 1.1 | Confirm pickup sequence and any licence or permit requirements with supervisor |
| | | 1.2 | Check that vehicle and communication devices are in |

- working order
- 1.3 Check that required transport containers and materials are in the vehicle
- 2 **Pick up and transport items**
- 2.1 Confirm the number and nature of items to be picked up on arrival
- 2.2 Ensure items match documentation
- 2.3 Apply workplace requirements to the transport of samples and/or equipment
- 2.4 Alert laboratory personnel to any special needs that are identified on documents accompanying the items
- 2.5 Complete required documentation at pickup point
- 2.6 Stow items in the specified transport containers and under the required conditions
- 2.7 Maintain sample integrity at all times
- 2.8 Deliver items to reception point in accordance with workplace procedures
- 2.9 Maintain confidentiality of information
- 3 **Maintain transport equipment**
- 3.1 Maintain vehicle according to workplace requirements
- 3.2 Maintain state of transport containers to ensure they are fit for purpose
- 3.3 Requisition stocks of consumable materials as required
- 3.4 Replenish stocks of collecting equipment at collection centres as required
- 4 **Maintain a safe work environment**
- 4.1 Use established work safety practices and personal protective equipment (PPE) to ensure personal safety and that of others
- 4.2 Clean up spills, if they occur, using workplace procedures

- 4.3 Minimise the generation of waste
- 4.4 Dispose of all waste in accordance with workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the, accessibility of the item, and local industry and regional contexts) are included.

Standards, codes, procedures and/or workplace requirements

Standards, codes, procedures and/or workplace requirements include the latest version of one or more of:

- Australian and international standards covering the requirements for the competence of testing and calibration laboratories; laboratory safety; quality management and environmental management; and labelling, storage, transport and disposal of hazardous materials
- national work health and safety (WHS) standards and codes of practice, and national environmental protection measures
- specific codes, guidelines and procedures, such as Australian Dangerous Goods Code, Australia Post Guides and International Air Transport Association (IATA) Regulations
- workplace documents, such as standard operating procedures (SOPs); material safety data sheets (MSDS); safety procedures for specific materials and equipment; material, production and product specifications; production and laboratory schedules; workplace recording and reporting procedures; spillage and waste containment and disposal protocols; maps and site plans; protocols regarding customer liaison and use of communication devices; vehicle log books and incident/accident report forms

Workplace requirements for the transport of samples

Workplace requirements for the transport of samples and/or equipment include, but are not limited to, one or more of:

- using appropriate sample containers (glass, plastic and opaque)

and/or equipment

and preservatives

- using appropriate sample and equipment boxes (insulated, shockproof and waterproof)
- wrapping containers in foil to exclude light
- using temperature control, which may involve prevention of direct contact between the sample and coolant
- restraining containers to prevent movement
- checking sample viability during transport while avoiding unnecessary handling

Work safety procedures

Work safety procedures include, but are not limited to, one or more of:

- using safe vehicle driving practices
- handling, labelling and storing hazardous material and equipment in accordance with labels, MSDS, manufacturer instructions and workplace procedures and regulations, and signage
- using PPE
- regular cleaning and/or decontamination of equipment and vehicle
- containing and cleaning up spillage or breakages
- using appropriate techniques and equipment to safely dispose of waste materials

WHS and environmental management requirements

WHS and environmental management requirements include:

- complying with WHS and environmental management requirements at all times, which may be imposed through state/territory or federal legislation. These requirements must not be compromised at any time
- applying standard precautions relating to the potentially hazardous nature of samples
- accessing and applying current industry understanding of infection control issued by the National Health and Medical Research Council (NHMRC) and State and Territory Departments of Health, where relevant

Unit Mapping Information

Equivalent to MSL952002 Handle and transport samples or equipment, Release 1

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>