



Australian Government

MSL944002 Maintain laboratory or field workplace safety

Release: 1

MSL944002 Maintain laboratory or field workplace safety

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 MSL944001 Maintain laboratory or field workplace safety. Foundation skill information added. Range of conditions removed. Assessment requirements amended.

Application

This unit of competency describes the skills and knowledge to monitor and maintain work health and safety (WHS) within a work area where the person has supervisory responsibility for others.

This unit applies to laboratory technicians, senior technicians and laboratory managers in all industry sectors.

No licensing or certification requirements exist at the time of publication. However, regulations and/or external accreditation requirements for laboratory operations exist, so local requirements should be checked. Relevant legislation, industry standards and codes of practice within Australia must also be applied.

Pre-requisite Unit

Nil

Competency Field

Work health and safety

Elements and Performance Criteria

Elements describe the essential outcomes.

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

- | | | | |
|---|--------------------------------|-----|---|
| 1 | Perform all work safely | 1.1 | Use established work practices and personal protective equipment (PPE) to ensure personal safety and that of other laboratory personnel |
| | | 1.2 | Clean, care for and store equipment, materials and |

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	reagents as required
	1.3 Minimise the generation of wastes and environmental impacts
	1.4 Ensure safe disposal of laboratory/hazardous wastes
2 Ensure others in the work group are able to implement safe work practices	2.1 Ensure hazard controls and PPE appropriate to the work requirements are available and functional
	2.2 Provide and communicate current information about WHS policies, procedures and programs to others
	2.3 Ensure hazards and control measures relating to work responsibilities are known by those in the work area
	2.4 Provide support to those in the work area to implement procedures to support safety
	2.5 Identify and address training needs within level of responsibility
3 Monitor observance of safe work practices in the work area	3.1 Ensure workplace procedures are clearly defined, documented and followed
	3.2 Identify any deviation from identified procedures and report and address within level of responsibility
	3.3 Ensure personal behaviour is consistent with workplace policies and procedures
	3.4 Encourage and follow up others to identify and report hazards in the work area
	3.5 Monitor conditions and follow up to ensure housekeeping standards in the work area are maintained
4 Participate in risk management processes	4.1 Report and address any identified hazards and inadequacies in existing risk controls within level of responsibility and according to workplace procedures

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
	4.2	Participate in risk assessments to identify and analyse risks
	4.3	Support the implementation of procedures to control risk (based on the hierarchy of control)
	4.4	Ensure records of incidents in the work area and other required documentation are accurately completed and maintained according to workplace procedures and legislative requirements
5 Support the implementation of participative arrangements	5.1	Inform and consult work group on WHS issues relevant to the work role
	5.2	Promptly report outcomes of consultation on WHS issues back to the work group
	5.3	Resolve, or promptly refer to appropriate personnel, matters raised relating to WHS
6 Support the implementation of emergency procedures within the work group	6.1	Ensure that workplace procedures for dealing with incidents and emergencies are available and known by work group
	6.2	Implement processes to ensure that others in the work area are able to respond appropriately to incidents and emergencies
	6.3	Participate, as required, in investigations of hazardous incidents to identify their cause

Foundation Skills

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

- Writing skills to prepare brief WHS reports for committees, managers and/or supervisors.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

Equivalent to MSL944001 Maintain laboratory/field workplace safety, 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>

Assessment Requirements for MSL944002 Maintain laboratory or field workplace safety

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Performance Evidence

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

- effectively monitored and maintained work health and safety (WHS) within 1 work area, including:
 - ensuring others in the workgroup work safely and follow procedures for hazard identification and risk control and implement safe work practices.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- common work health and safety (WHS) terminology, such as hazard, physical hazard, risk and risk management
- principles and procedures for WHS and environmental management, including hazard identification, risk assessment and hierarchy of risk control
- how the characteristics and composition of the workforce impact on WHS management
- roles and responsibilities under WHS legislation of employers and employees, including supervisors and contractors
- sources of advice and information on WHS issues, including safety data sheets (SDS) and key personnel
- site layout, including emergency exits, location and use of safety alarms, emergency response system and procedures, and designated WHS personnel
- signage, symbols and signals relating to WHS
- examples of hazards relevant to the work area and ways of addressing these using the hierarchy of control
- location and purpose of personal protective equipment (PPE) and emergency/hazard control equipment in the work area, including first aid facilities

- use, care and storage requirements for PPE used in work areas
- requirements and procedures for reporting (potential) WHS hazards and incidents, injuries, illness and near misses, and safety and environmental issues or concerns
- possible workplace incidents/emergencies and response procedures
- requirements for record keeping that address WHS, privacy and other relevant legislation
- standard operating procedures (SOPs), work instructions, laboratory manuals, operator's manuals and manufacturers' operating manuals relating to WHS
- consultation and issue resolution requirements
- Australian, national and international standards, guidelines and codes covering WHS; laboratory design and construction; occupational protective equipment; labelling of workplace substances; storage, handling and transport of dangerous goods; physical containment levels and facility types
- industry specific codes, regulations and guidelines.

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:
 - typical laboratory/field work equipment and materials
 - PPE and other safety equipment
 - workplace WHS documentation, management system, policies and procedures.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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