

Title	Work safely in a science laboratory		
Level	3	Credits	2

Purpose	<p>This unit standard is for any person working in a laboratory.</p> <p>People credited with this unit standard are able to: identify and describe hazards in a laboratory; and follow laboratory procedures for health and safety practices.</p>
----------------	---

Classification	Science > Science - Core
-----------------------	--------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

- All work must be carried out in accordance with the quality management system, documented protocol system or Standard Operating Procedures (SOP) acceptable in a commercial or research laboratory.
- Health and Safety practices must conform to Australian/New Zealand Standard AS/NZS 2243 – *Safety in Laboratories* Parts 1, 2, 3, 7 and 10 available at <http://www.standards.co.nz> and <http://infostore.saiglobal.com/store>.
- Legislation applicable to this unit standard includes:
Health and Safety at Work Act 2015;
Hazardous Substances and New Organisms Act 1996.
- Glossary
Laboratory procedures refer to documented systems or processes of operation which may be found in a SOP manual, quality management system, or in protocol system documentation. These procedures are external and/or internal laboratory requirements governing laboratory work.
- Recommended for entry: Unit 497, *Demonstrate knowledge of workplace health and safety requirements*.

Outcomes and performance criteria

Outcome 1

Identify and describe hazards in a laboratory.

Range electrical, chemical, physical, biohazards.

Performance criteria

- 1.1 Hazards in a laboratory are identified and described in terms of their sources, potential impact, and management.

Outcome 2

Follow laboratory procedures for health and safety practices.

Performance criteria

- 2.1 Safe working practices are demonstrated in accordance with laboratory procedures.
- 2.2 Safe handling techniques, storage, clean up, and disposal are demonstrated in accordance with laboratory procedures.
- 2.3 Managing, reporting, and documenting health and safety incidents and accidents are described in accordance with laboratory procedures.

Planned review date	31 December 2023
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 May 2010	N/A
Rollover	2	27 January 2015	N/A
Review	3	27 September 2018	N/A

Consent and Moderation Requirements (CMR) reference	0113
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact NZQA National Qualifications Services nqs@nzqa.govt.nz if you wish to suggest changes to the content of this unit standard.