

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>
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Classification	Science > Science - Core
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Available grade	Achieved
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Guidance Information

- 1 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.
- 2 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>.
- 3 Legislation applicable to this unit standard includes:
Health and Safety at Work Act 2015;
Hazardous Substances and New Organisms Act 1996.
- 4 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.
- 5 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.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 May 2010	31 December 2025
Rollover	2	27 January 2015	31 December 2025
Review	3	27 September 2018	31 December 2025
Review	4	30 November 2023	31 December 2025

Consent and Moderation Requirements (CMR) reference

0113

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