

Title	Demonstrate knowledge of asbestos and safety procedures		
Level	2	Credits	1

Purpose	<p>This unit standard is for people who work, or intend to work, in construction.</p> <p>People credited with this unit standard can: demonstrate knowledge of asbestos uses and health hazards, and describe safety procedures to follow when asbestos is present.</p>
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Classification	Construction Trades > Core Construction
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Available grade	Achieved
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Guidance Information

- Legislation, standards, codes, and guides applicable to this unit standard include but are not limited to:
 - Plumbers, Gasfitters, and Drainlayers Act 2006
 - Health and Safety at Work Act 2015
 - Building Act 2004
 - Health Act 1956
 - Resource Management Act 1991
 - Plumbers, Gasfitters, and Drainlayers Regulations 2010
 - Health and Safety at Work (Asbestos) Regulations 2016
 - AS/NZS 1547:2000 *On-site domestic wastewater management*
<http://www.standards.co.nz>
 - AS/NZS 1546.1:2008 *On-site domestic wastewater treatment units – Septic tanks*
<http://www.standards.co.nz>
 - AS/NZS 3500.2:2015 *Plumbing and drainage – Part 2: Sanitary plumbing and drainage* <http://www.standards.co.nz>
 - WorkSafe New Zealand *Good Practice Guidelines, Excavation Safety* [Excavation safety | WorkSafe](#)
 - Approved Code of Practice for Safety in Excavation and Shafts for Foundations*
[Excavation and Shafts for Foundations - Approved Code of Practice](#)
 - Guide for Safety with Underground Services* [Underground Services - Guide for Safety With \(worksafe.govt.nz\)](#)
 - Approved Code of Practice, Management and Removal of Asbestos* [Management and removal of asbestos | WorkSafe](#)
 - Worksafe New Zealand, Conducting asbestos surveys* [Conducting asbestos surveys | WorkSafe](#)
 - New Zealand Building Code Clause E1 Surface Water and any related compliance documents
 - New Zealand Building Code, Clause F2 Hazardous Building Materials and any related compliance documents

New Zealand Building Code Clause G12 Water Supplies and any related compliance documents

New Zealand Building Code Clause G13 Foul Water and any related compliance documents.

Any legislation, standard, code, or guide superseding any of the above will apply, pending review of this unit standard.

2 Definitions

ACM refers to asbestos containing materials.

Asbestos refers to friable and non-friable asbestos.

Friable asbestos refers to asbestos or ACM in powder form or able to be crumbled, pulverised, or reduced to a powder by hand pressure when it is dry.

Non-friable asbestos refers to asbestos or ACM containing asbestos fibres reinforced with a bonding compound. However, non-friable ACM is likely to release fibres if it is disturbed or manipulated.

3 Range

may include but is not limited to asbestos used in – roofing, cladding, flashings, guttering, downpipes, flues, fire protection, flame retardation, insulation, ceiling coatings, sewer pipes, water mains, motor industry, floor coverings, electrical protection, plant, machinery.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of asbestos uses and health hazards.

Performance criteria

1.1 Describe asbestos uses in industry and where it is likely to be found.

Range roofing, cladding, flashings, guttering, downpipes, flues, flame retardation, insulation, ceiling coatings, sewer pipes, water mains, paint, maintenance work, automotive, machinery and plant.

1.2 Identify and describe products that use ACM.

Range current use, historical use.

1.3 Identify and describe asbestos in its different states and associated health hazards.

Range states include friable and non-friable asbestos.

Outcome 2

Describe safety procedures to follow when asbestos is present.

Performance criteria

- 2.1 Describe the process for identifying asbestos on the worksite.
- 2.2 Describe the procedures to be followed when asbestos is identified on a worksite.

Range identification, isolation, reporting, removal, disposal.

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	22 July 1994	31 December 2025
Revision	2	19 June 1996	31 December 2025
Revision	3	3 April 1997	31 December 2025
Review	4	25 October 2007	31 December 2025
Review	5	15 March 2012	31 December 2025
Review	6	26 April 2024	N/A

Consent and Moderation Requirements (CMR) reference	0008
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Waihanga Ara Rau Construction and Infrastructure Workforce Development Council qualifications@waihangaararau.nz if you wish to suggest changes to the content of this unit standard.