

<b>Title</b>	<b>Demonstrate knowledge of asbestos and safety procedures</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>1</b>

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

- 1 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* ~~(available at <http://www.standards.co.nz>)~~
  - AS/NZS 1546.1:2008 *On-site domestic wastewater treatment units – Septic tanks* ~~(available at <http://www.standards.co.nz>)~~
  - AS/NZS 3500.2:2015 ~~03~~ *Plumbing and drainage – Part 2: Sanitary plumbing and drainage* ~~(available at <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* ~~(Wellington: Department of Labour, 1995).~~ *Excavation and Shafts for Foundations - Approved Code of Practice*
  - Guide for Safety with Underground Services* ~~(Wellington: Department of Labour, 2002)~~ *Underground Services - Guide for Safety With* ([worksafe.govt.nz](http://worksafe.govt.nz))
  - Approved Code of Practice, Guidelines for the Management and Removal of Asbestos* *Management and removal of asbestos* | WorkSafe ~~(Wellington: Department of Labour,~~
  - Worksafe New Zealand, Conducting asbestos surveys* *Conducting asbestos surveys* | WorkSafe ~~1999)~~

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

Asbestos refers to friable and non-friable asbestos.

ACM refers to asbestos containing materials.

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 Asbestos is described asbestos in terms of its uses in the building 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 used that use ACM with asbestos used in them.

Range -current use, historical use.

1.32 Asbestos products are identified and described asbestos in its terms of their different states and associated the health hazards.

Range states include friable and non-friable asbestos.

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**Outcome 2**

Describe ~~the range of~~ safety procedures to follow when asbestos is present.

**Performance criteria**

2.1 ~~Describe the process for identifying asbestos on the worksite. The safety procedures are described in accordance with relevant legislation, codes, and guidelines.~~

2.2 Describe the procedures to be followed when asbestos is identified on a worksite.

Range identification, isolation, reporting, removal, disposal.

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<b>Planned review date</b>	31 December 20 <del>28</del> <u>47</u>
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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	<del>N/A</del> <u>31 December 2025</u>
Revision	2	19 June 1996	<del>N/A</del> <u>31 December 2025</u>
Revision	3	3 April 1997	<del>N/A</del> <u>31 December 2025</u>
Review	4	25 October 2007	<del>N/A</del> <u>31 December 2025</u>
Review	5	15 March 2012	<del>N/A</del> <u>31 December 2025</u>
<u>Review</u>	<u>6</u>	<del>XX February</del> <u>Month 2024</u> <del>3</del>	<del>N/A</del>

<b>Consent and Moderation Requirements (CMR) reference</b>	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](mailto:qualifications@waihangaararau.nz) if you wish to suggest changes to the content of this unit standard.