

| | | | |
|--------------|--------------------------------|----------------|----------|
| Title | Remove friable asbestos | | |
| Level | 4 | Credits | 4 |

| | |
|----------------|--|
| Purpose | <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – prepare for friable asbestos removal; – prepare asbestos removal area and removal site; – isolate removal site; – carry out friable asbestos removal process; – carry out decontamination process; – clean up work site; and – contribute to and use documentation in line with New Zealand regulatory requirements. |
|----------------|--|

| | |
|-----------------------|---|
| Classification | Occupational Health and Safety > Hazardous Substances and Materials |
|-----------------------|---|

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

| | |
|----------------------|--|
| Prerequisites | SiteSafe (NZ) Foundation Passport - Building Construction, or other similar proprietary health and safety induction certification recognised in New Zealand. |
|----------------------|--|

Guidance Information

- 1 Performance of the Outcomes in this unit standard must be demonstrated in the workplace or in practical simulation that fully replicates workplace conditions, materials, activities, responsibilities, and procedures.
- 2 Assessment against this unit standard must be conducted by individuals who meet special requirements explained in Appendix 8 of the Consent and Moderation Requirements (CMR) 0121.

Asbestos removal, due to high worker and public health risk, must be strictly controlled in accordance with the Health and Safety at Work (Asbestos) Regulations 2016 and WorkSafe New Zealand requirements. For this reason, assessment against this unit standard must be conducted by individuals who meet the following additional requirements:

- a. hold unit standard 29768, *Conduct asbestos assessment associated with removal*, or evidence of completion of an asbestos assessor training course approved by WorkSafe New Zealand; and,
- b. hold a current asbestos assessor licence issued by WorkSafe New Zealand under the Health and Safety at Work (Asbestos) Regulations 2016.

WorkSafe approved asbestos assessor training courses can be found at:
<https://www.worksafe.govt.nz/topic-and-industry/asbestos/licensing/overview/>.

- 3 The critical health and safety prerequisites listed in 'Prerequisites' (above) may be summarised in terms of induction safety training in the construction industry relevant to the following areas of knowledge:
- occupational health and safety legislative requirements;
 - construction hazards and control measures;
 - communication and reporting processes; and
 - occupational health and safety incident response procedures.

- 4 Workplace practices for asbestos removal must meet regulatory requirements, Approved Codes of Practice, Standards, documented workplace health, safety, and environmental procedures for personal, product, workplace health, safety, and environmental matters, and the obligations required under current law including but not limited to:

AS/NZS 1715:2009 *Selection, use and maintenance of respiratory protective equipment*;

AS/NZS ISO 16900.6:2022, *Respiratory protective devices — Methods of test and test equipment Method 6: Mechanical resistance/strength of components and connections*;

Health and Safety at Work Act 2015;

Health and Safety at Work (Asbestos) Regulations 2016;

Resource Management Act 1991;

WorkSafe New Zealand (2016) Approved Code of Practice for the Management and Removal of Asbestos;

and any subsequent amendments and replacements.

- 5 Definitions

ACM refers to asbestos containing materials.

Affected parties refers to any persons who are or may be affected by the asbestos removal activity. Examples are – co-workers, supervisor, assessor, owners, occupants, neighbours.

ARCP refers to the asbestos removal control plan as stated in the Health and Safety at Work (Asbestos) Regulations 2016.

Assessor, under the Health and Safety at Work (Asbestos) Regulations 2016 and as stated in this unit standard, is an *independent licensed assessor* or may refer to an *independent competent person* (for asbestos assessment) as determined by WorkSafe New Zealand.

Organisational requirements refer to instructions to workers on policies, procedures, and methodologies which are documented and are available in the workplace. They must be consistent with all applicable regulatory requirements, Standards, and Approved Codes of Practice.

Workplace requirements refer to procedures and instructions relating to workplaces where asbestos removal is taking place and which are consistent with organisational requirements.

6 Range

Evidence for all Outcomes in this unit standard must be in accordance with organisational requirements and applicable regulatory requirements, Standards, and Approved Codes of Practice. However, particular citing of AS/NZS 1715:2009 in performance criterion 1.7 is included for emphasis and safety assurance purposes.

Outcomes and performance criteria**Outcome 1**

Prepare for friable asbestos removal.

Performance criteria

- 1.1 Obtain work instructions and the ARCP and confirm and apply information for preparation purposes.
- 1.2 Use safety requirements and data gathered from an on-site assessment, an asbestos register where available, and other information sources to prepare for a safe and compliant removal process.
- 1.3 Calculate required quantity of materials according to plans, specifications, and quality requirements.
- 1.4 Identify and apply environmental requirements for the job according to territorial authority requirements.
- 1.5 Undertake processes required to assist in meeting health monitoring requirements in line with level of authority and responsibility.
- 1.6 Finalise preparation for the removal process and obtain authorisation according to the ARCP.
- 1.7 Select tools, equipment, and respiratory and other personal protective equipment that match requirements to carry out tasks, and check them for serviceability. Rectify or report faults prior to commencement.

Range AS/NZS 1715:2009 applies for respiratory equipment.

Outcome 2

Prepare asbestos removal area and removal site.

Performance criteria

- 2.1 Identify and locate friable asbestos containing materials to be removed, check asbestos record, and seek clarification from supervisor as required according to workplace requirements.
- 2.2 Identify and implement signage and barricade requirements to delineate the work area from the site area.

- 2.3 Position and assemble decontamination unit to manufacturers' requirements and connect services to it.
- 2.4 Identify materials and equipment required for removal of ACM from the work site and prepare them for operation.
- 2.5 Undertake processes to ensure the safety of the site, including ensuring where necessary that utilities are deactivated, contained, diverted, or secured prior to commencing work.
- 2.6 Notify affected parties as required by regulation within limits of own responsibility.

Outcome 3

Isolate removal site.

Performance criteria

- 3.1 Follow requirements to enclose the removal site safely to prevent the further release of fibres according to the ARCP.
- 3.2 Identify types of enclosures, impact of the size of the removal on the methodology selected, and types and use of removal processes.
- 3.3 Contribute within limits of responsibility to ensure negative air pressure is maintained within the enclosure, and inspect enclosure and smoke test for air tightness.

Outcome 4

Carry out friable asbestos removal process.

Performance criteria

- 4.1 Remove asbestos from work site and work area using safe work methods and according to the ARCP.
- 4.2 Contain, wrap, or otherwise seal removed asbestos and place it into the approved removal bags or bins, sealed and marked to indicate the presence of asbestos.
- 4.3 Use manual-handling principles for bagged and sealed ACM wherever possible to prevent breakages of plastic.
- 4.4 Comply with regional authority requirements for disposal.

Outcome 5

Carry out decontamination process.

Performance criteria

- 5.1 Use decontamination unit according to manufacturers' requirements.
- 5.2 Carry out decontamination of the work area according to workplace requirements and the ARCP.
- 5.3 Carry out decontamination of asbestos removal workers according to workplace requirements and the ARCP.
- 5.4 Gain approval from the assessor to dismantle asbestos removal and decontamination equipment.
- 5.5 Remove asbestos removal and decontamination equipment from the area following clearance from the assessor and according to the ARCP.

Outcome 6

Clean up work site.

Performance criteria

- 6.1 Clear work area and dispose of materials according to job specification.
- 6.2 Clean, check, maintain, and store plant, tools, and equipment according to manufacturers' recommendations.
- 6.3 Inspect work area for asbestos dust and debris to ensure compliance prior to a clearance inspection.

Outcome 7

Contribute to and use documentation in line with New Zealand regulatory requirements.

Performance criteria

- 7.1 Contribute to the preparation and use of documentation for regulatory notification processes within limits of own responsibility.
- 7.2 Take steps within the limits of own responsibility to ensure clearance inspection requirements are met, and clearance certificate is gained from the assessor.
- 7.3 Contribute within limits of own responsibility to the preparation and use of an emergency plan.
- 7.4 Contribute within limits of own responsibility to the preparation and use of a certified safety management system.

| | |
|----------------------------|------------------|
| Planned review date | 31 December 2029 |
|----------------------------|------------------|

Status information and last date for assessment for superseded versions

| Process | Version | Date | Last Date for Assessment |
|--------------|---------|------------------|--------------------------|
| Registration | 1 | 17 November 2016 | 31 December 2025 |
| Revision | 2 | 22 August 2019 | 31 December 2025 |
| Review | 3 | 27 June 2024 | N/A |

Consent and Moderation Requirements (CMR) reference

0121

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

Comments on this unit standard

Please contact Toitū te Waiora Community, Health, Education and Social Services Workforce Development Council qualifications@toitutewaiora.nz if you wish to suggest changes to the content of this unit standard.