

Title	Conduct asbestos assessment associated with removal		
Level	6	Credits	5

Purpose	<p>This unit standard specifies the Outcomes required to act as an Assessor for removal of friable asbestos containing materials.</p> <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – plan for assessment process of asbestos removal; – prepare to collect site measurements and other data; – use measuring devices to collect site information and data; – complete the monitoring process; and – evaluate and document results of the monitoring process according to accredited laboratory requirements.
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Classification	Occupational Health and Safety > Hazardous Substances and Materials
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Available grade	Achieved
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Prerequisites	Unit 29767, <i>Supervise asbestos removal</i> , or demonstrate equivalent knowledge and skills.
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Guidance Information

- 1 The Australian unit of competency CPCBC5014A *Conduct asbestos assessment associated with removal* available at http://training.gov.au/trainingcomponentfiles/cpc08/cpcbc5014a_r1.pdf is recognised by The Skills Organisation and WorkSafe New Zealand as equivalent in knowledge and skills to this unit standard.

CPCBC5014A is reflected within the New Zealand context in this unit standard, and it contains additional information that may be useful in the planning of related training and assessment.

- 2 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.
- 3 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.

- 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:
- 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*;
 - AS 4964-2004 *Method for the qualitative identification of asbestos in bulk samples*;
 - NOHSC:3003(2005). *Guidance note on the membrane filter method for estimating airborne asbestos fibres*. 2nd Edition;
 - AS/NZS 1715:2009 *Selection, use and maintenance of respiratory protective equipment*;
 - AS/NZS 1716:2012 *Respiratory protective devices*;
- and any subsequent amendments and replacements.
- 5 Definitions
- Accredited laboratory* is as defined in the Health and Safety at Work (Asbestos) Regulations 2016.
- ACM* refers to asbestos containing materials.
- ARCP* refers to the asbestos removal control plan as stated in the Health and Safety at Work (Asbestos) Regulations 2016.
- Asbestos assessment*, under the Health and Safety at Work (Asbestos) Regulations 2016, refers to the work carried out by an *independent licensed asbestos assessor* or by 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.
- Professional standards* refers to standards of professional bodies in areas such as Occupational Health and Safety, Occupational Hygiene, Science, and Environmental Health and consistent, as applicable, with AS 4964-2004 *Method for the qualitative identification of asbestos in bulk samples*.
- 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 accordance with organisational requirements and applicable regulatory requirements, Standards, and Approved Codes of Practice. However particular citing of NOHSC:3003(2005) in performance criterion 5.6 is included for emphasis and safety assurance purposes.

Outcomes and performance criteria

Outcome 1

Plan for assessment process of asbestos removal.

Performance criteria

- 1.1 Negotiate scope, timelines, and budget for the project with the client and asbestos removalist or supervisor.
- 1.2 Identify type of ACM, its location, friability, and condition by reference to asbestos records and the ARCP and in consultation with workplace personnel and client.
- 1.3 Research and confirm legislation, regulations, code of practice, and standards to inform the planning process, identify risk, and ensure a compliant and independent assessment process.
- 1.4 Identify required reports and action them in a timely manner and suited to the requirements of the specific audience.
- 1.5 Describe characteristics of, and health impacts from, exposure to ACM and the rationale for air-monitoring processes.
- 1.6 Identify and describe processes used in the compliant removal of friable and non-friable asbestos using enclosures and leak testing, decontamination units, airline respirators, and negative pressure equipment.
- 1.7 Collect, review, and use work site documentation to inform the planning process.
- 1.8 Define areas within the work site where measurements are to be taken.
- 1.9 Select measuring equipment specific to the hazard and condition of the ACM, the environment, the activities being carried out, and level of risk.
- 1.10 Identify limits of own expertise and available equipment and seek expert advice and equipment as appropriate.
- 1.11 Identify and source equipment, including personal protective equipment, required to carry out the job.
- 1.12 Document and confirm planning with the client, asbestos removalist, and supervisor.

Outcome 2

Prepare to collect site measurements and other data.

Performance criteria

- 2.1 Make arrangements with work site to collect information and data, including advising those involved, of requirements to facilitate the measurement and monitoring process.
- 2.2 Conduct a site visit and complete a visual inspection.

- 2.3 Identify and record effective air monitor locations for each asbestos removal task.
- 2.4 Define the sampling process according to the standards specified for membrane filter method for estimating airborne asbestos fibres and in consultation with relevant site personnel.
- 2.5 Define the sampling schedule and strategy after site inspection and in consultation with asbestos removalist and work site manager or supervisor.
- 2.6 Develop an air-monitoring programme consisting of locations and provide it to asbestos removalist and supervisor.
- 2.7 Check operability of monitoring equipment according to manufacturer specifications and professional standards.

Outcome 3

Use measuring devices to collect site information and data.

Performance criteria

- 3.1 Select air-monitoring equipment, check calibration records, calibrate equipment, and determine appropriate flow rate according to membrane filter method and professional standards.
- 3.2 Use and maintain equipment correctly in order to collect data accurately.
- 3.3 Follow workplace safety procedures during the collection process.
- 3.4 Collect and label required volumes of samples with minimum damage and disruption to the fabric according to the membrane filter method and replace the filter holders according to the sampling schedule and plan.
- 3.5 Collect information and data and record results, noting where samples were taken, and ensuring compliance with chain of custody protocols.
- 3.6 Put processes into place and make checks to ensure all data is collected under the control of an accredited laboratory.
- 3.7 Take action to stop asbestos removal work should action levels be exceeded.
- 3.8 Dismantle and decontaminate equipment and dispose of parts of equipment according to workplace requirements.
- 3.9 Store equipment or make ready for re-use.
- 3.10 Service and maintain sampling equipment according to professional standards and manufacturer specifications.

Outcome 4

Complete the monitoring process.

Performance criteria

- 4.1 Label the filter and prepare it for despatch to the laboratory, ensuring correct handling procedures for filters and chain of custody requirements.
- 4.2 Seek confirmation of the exact nature of fibres where necessary.
- 4.3 Retain samples and store them in labelled containers.
- 4.4 Implement documentation and processes to ensure the compliant transportation of samples.
- 4.5 Oversee site set-up, removal, breakdown, and decontamination procedures.

Outcome 5

Evaluate and document results of the monitoring process according to accredited laboratory requirements.

Performance criteria

- 5.1 Interpret results received from the accredited laboratory and evaluate them against the recognised Standard.
- 5.2 Perform further calculations, as required, on the technical data received from the accredited laboratory.
- 5.3 Document outcomes from the technical analysis.
- 5.4 Prepare a concise, logical, and accurate report that addresses regulatory requirements and is in the form required by the intended audience.
- 5.5 Visually inspect work site to ensure compliance with procedures prior to issuing a clearance certificate.
- 5.6 Conduct clearance inspection, including air monitoring as required, of the work area, work site, and equipment to ensure the job is completed.

Range NOHSC:3003(2005) applies for air monitoring.
- 5.7 Complete the clearance certificate.
- 5.8 Make recommendations regarding exposure and control monitoring processes.
- 5.9 Retain and store results and records in a readily retrievable format.

Planned review date	31 December 2021
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	17 November 2016	N/A
Revision	2	22 August 2019	N/A

Consent and Moderation Requirements (CMR) reference	0121
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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 Skills Organisation reviewcomments@skills.org.nz if you wish to suggest changes to the content of this unit standard.