



Australian Government

CPCCSH3009 Demolish shopfronts and bulkheads

Release: 1

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Modification History

Release 1.

This version first released with CPC Construction, Plumbing and Services Training Package Version 2.

New unit of competency.

Application

This unit of competency specifies the outcomes required to demolish sections of existing shop buildings and dispose of demolished materials and waste. It covers completing the required demolition work to schedule, following specific plans and specifications, and working safely with others as a member of a team.

The unit supports shopfitters who demolish old shop building components in order to make alterations, extensions and additions to the shop. Work may be completed on site concurrently with other shopfitting work and must be scheduled to accommodate both client requirements, where the shop is operational, and the requirements of other shopfitters and associated contractors.

This demolition work is limited to non-load-bearing shop building structures, including:

- external walls and cladding
- suspended ceiling structures
- shopfronts and glazed sections
- joinery and fixtures
- high level bulkheads.

Licensing, legislative, regulatory or certification requirements apply to this unit of competency in some States. Relevant state and territory regulatory authorities should be consulted to confirm those requirements.

Pre-requisite Unit

Nil

Competency Field

Shopfitting

Unit Sector

Construction

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.

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|---|----------------------------|---|
| 1 | Plan shop demolition work. | <p>1.1 <i>Job requirements</i> for demolition work are obtained, confirmed and applied to planning and preparation.</p> <p>1.2 Designated demolition area of <i>shopfront and bulkhead</i> is assessed to <i>identify hazards and risks</i> and confirm scope of work.</p> <p>1.3 <i>Risk management and hazard control measures</i> are confirmed with team members and other site personnel, as required, including determining and managing the status of existing services.</p> <p>1.4 <i>Health and safety and environmental requirements</i> for the work site and for individual demolition tasks are clarified and applied to planning and preparation.</p> <p>1.5 Safe work method statement (SWMS) is reviewed and amended as required in consultation with relevant personnel.</p> <p>1.6 <i>Plant, tools and equipment</i> suited to the specified work are selected, checked for serviceability, and faults are rectified or reported before starting work.</p> <p>1.7 Installation of scaffolding or lifting equipment is arranged according to job requirements.</p> <p>1.8 Materials forming the building components to be demolished are identified, and removal, handling and disposal are planned according to work health and safety (WHS) and environmental requirements.</p> <p>1.9 Tasks are sequenced and scheduled in consultation with team members, other site personnel and client as required, to ensure work is completed within given timeframe.</p> |
| 2 | Prepare demolition | <p>2.1 Site is established using hoardings, barricades and signage as specified in work instructions, and service</p> |

- work site.
- isolation is checked.
- 2.2 Scaffolding, fall protection and props are installed or checked against demolition plan and scope; and plant, tools and equipment are located on site according to work instructions.
- 2.3 Building components to be demolished and removed are identified, measured or calculated, and marked as required.
- 2.4 Site is checked against SWMS and safety and environmental requirements before starting work.
- 3 Apply demolition procedures.
- 3.1 Individual tasks are assessed immediately before starting work to identify **undiscovered hazards** and SWMS are reviewed and amended in consultation with relevant personnel as required.
- 3.2 Demolition procedures are carried out according to SWMS for dismantling or demolishing and removing materials from location to designated storage area.
- 3.3 Propping is installed as required to prevent collapse of overhead non-load-bearing elements.
- 3.4 Plant, tools and equipment are used safely and within limits of specified application according to manufacturer recommendations and workplace and safety requirements.
- 3.5 Effective verbal and non-verbal communication, including the use of mobile technology, is maintained with team members and other site personnel as required to monitor and manage demolition procedures.
- 3.6 Demolished materials and sections of building components are safely and effectively handled using appropriate material handling techniques consistent with the type of materials and components.
- 3.7 Demolished materials and components identified for salvage are safely and effectively handled, stored and stacked ready for transport according to WHS material handling practices and techniques.

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|---|-----------|-----|---|
| 4 | Clean up. | 4.1 | Work area is cleared and materials disposed of, reused or recycled according to legislation, regulations, codes of practice and job specifications. |
| | | 4.2 | Tools and equipment are cleaned, maintained and stored according to workplace requirements. |

Foundation Skills

This section describes the language, literacy, numeracy and employment skills essential to performance in this unit but not explicit in the performance criteria.

Skill	Performance feature
Learning skills to:	• apply previous experience when selecting tools and equipment for new demolition tasks • recognise and take action to rectify minor faults and problems with tools and equipment.
Numeracy skills to:	• measure and calculate dimensions of structures to be demolished and volumes of debris to be removed from site • read and interpret drawings and specifications included in demolition plans.
Oral communication skills to:	• use questioning to identify and confirm job requirements • contribute to the development and review of SWMS • interact with workplace personnel and contribute to safe and efficient demolition of shopfronts.
Reading skills to:	• read and interpret a range of familiar technical documents, including drawings, specifications and SWMS.
Writing skills to:	• complete workplace documentation, including equipment fault reports.
Initiative and enterprise skills to:	• adapt work methods and schedules to meet client requirements and the needs of other shopfitters working concurrently • identify competing demands and expectations and take

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Skill	Performance feature
	responsibility for prioritising work and building solutions into the planning process.

Range of Conditions

This section specifies essential operating conditions and any other factors essential to the work environment.

Bold italicised wording, if used in the performance criteria, is detailed below.

<i>Job requirements</i> must include:	• demolition scope and plans, specifications, quality requirements and operational details • manufacturer specifications and instructions where specified • safety data sheets (SDS) where applicable • regulatory and legislative requirements relevant to demolishing shopfronts and bulkheads, including relevant Australian standards • SWMS relating to demolishing shopfronts and bulkheads.
<i>Shopfront and bulkhead</i> must include:	• non-load-bearing external walls and cladding • suspended ceiling structures • shopfronts and glazed sections • joinery and fixtures • high level bulkheads.
<i>Identification of hazards and risks</i> must include checking for:	• hazardous substances, including: • lead • fibreglass • asbestos • falling objects • issues relating to: • materials handling • working at heights • working in proximity to others

- work site visitors.

Risk management and hazard control measures must include:

- adherence to regulatory requirements for removing and disposing of hazardous substances
- fall protection when working at heights
- safe manual handling procedures
- safe operating procedures for working in proximity to others and for work site visitors
- service isolation, where applicable
- traffic control, where applicable
- use of well-fitting personal protective equipment suited to the task as prescribed under legislation, regulations and workplace policies and practices
- work permits.

Health and safety requirements must include:

- compliance with:
 - organisational safety policies and procedures
 - project safety plan
 - state or territory legislation, regulations and codes of practice
- contribution to developing and reviewing SWMS for demolition tasks
- emergency procedures, including:
 - emergency shutdown and stopping
 - evacuation
 - organisational first aid requirements
- safe operating procedures for the use of tools and equipment.

Environmental requirements must include:

- control of:
 - dust
 - noise
 - traffic
 - vibration
 - water wastage
- correct procedures for disposing of waste
- energy efficiency.

Plant, tools and equipment must

- air compressors
- allen keys

include ten or more of the following:

- angle grinders
- brooms
- chisels
- crow or pinch bars
- dust suppression blankets
- elevated work platforms
- hack saws
- hammers
- hand saws
- ladders
- pincers
- pliers
- pneumatic and electric tools
- power leads
- power saws
- props
- saw stools and planks
- scaffolding
- shovels
- sledge hammers
- spanners
- water hoses and spray attachments
- wheelbarrows.

Undiscovered hazards that must be checked for before starting tasks must include:

- asbestos
- biological waste, including animal faeces
- chemicals
- contaminated soils
- live power and other services, including:
 - gas
 - fire
 - mechanical
 - plumbing and drainage
 - telecommunications
- process waste
- syringes
- termite damage
- underground storage tanks.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

Assessment Requirements for CPCCSH3009 Demolish shopfronts and bulkheads

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Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit, and must demolish:

- one shopfront that is at least 3.6 metres high and that includes:
 - glazing
 - bulkheads
 - door closure
 - joinery
- one internal cabinet or fixture that is at least 3.6 metres high and 2.4 metres wide and attached to the building structure.

In doing the above work, the person must:

- locate, interpret and apply information, standards and specifications relevant to the demolition
- comply with site safety plan, health and safety regulations, and state and territory legislation applicable to workplace operations
- comply with organisational policies and procedures, including quality requirements
- safely and effectively use tools, plant and equipment
- communicate and work effectively and safely with others.

Knowledge Evidence

A person demonstrating competency in this unit must demonstrate knowledge of:

- construction terminology used in shopfitting
- demolition and building materials and their characteristics
- procedures and techniques relevant to demolishing shopfronts
- identification and handling requirements for hazardous substances, including lead, fibreglass and asbestos
- contents of and terms used in:
 - safety data sheets (SDS) and safe work method statements (SWMS) for tasks

- plans, specifications and drawings relating to demolishing shopfronts and bulkheads
- materials storage requirements and processes and environmentally friendly waste management
- types, characteristics, uses and limitations of plant, tools and equipment used to demolish shopfronts and bulkheads
- processes for calculating volumes of material for removal
- safe procedures for the use of scaffolding
- workplace and equipment safety requirements relating to demolishing shopfronts and bulkheads.

Assessment Conditions

Suitable assessment of performance requires:

- equipment:
 - as listed in the range of conditions
- contingencies:
 - potential for undiscovered hazards on site
- specifications:
 - as listed in job requirements in the range of conditions
- physical conditions:
 - retail site with shopfront and bulkhead requiring demolition
- relationship with client:
 - consultation with client may be required
- relationships with team members and supervisor:
 - work must be completed as part of a team and supervision must be provided
- timeframe:
 - according to job requirements.

Assessor requirements

As a minimum, assessors must satisfy the assessor requirements in the Standards for Registered Training Organisations (RTOs) current at the time of assessment.

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