

# CPCCE4002 Plan demolition work to minimise risk to health, safety and environment

## Application

This unit of competency specifies the skills and knowledge required to plan large demolition projects, including but not limited to structures or installations above 15 metres, to minimise environmental, public health and safety impact. It includes interpreting and meeting relevant compliance requirements and developing and implementing proactive measures to exceed them where possible.

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required for any person who is to carry out construction work. Achievement of *CPCCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

Licensing, legislative, regulatory or certification requirements apply to demolition work in different states and territories. Candidates are advised to consult with the relevant regulatory authorities.

## Prerequisite Unit

Nil

## Elements and Performance Criteria

Elements	Performance criteria
1. Assess potential impacts of demolition tasks.	1.1 Determine environmental and public health and safety compliance requirements for the demolition site and geographic locality. 1.2 Determine potential impacts on public health and safety.
2. Implement measures to minimise impacts of demolition work on the environment.	2.1 Investigate, select and incorporate strategies into procedures to minimise impacts on air quality. 2.2 Investigate, select and incorporate strategies into procedures to minimise water wastage and impacts on stormwater. 2.3 Investigate, select and incorporate strategies into procedures to minimise energy wastage and employ renewable energy technologies. 2.4 Investigate, select and incorporate strategies into procedures to minimise material wastage and to ensure safe disposal of hazardous and waste materials.

Elements	Performance criteria
3. Identify measures to minimise impacts of demolition work on the public.	3.1 Interpret and amend strategies regarding site containment, exclusion and signage strategies to minimise impacts on the public and to maximise employee awareness. 3.2 Interpret and amend strategies regarding pedestrian and traffic management plan for site and site perimeter to minimise risks to the public. 3.3 Interpret and amend strategies regarding fall prevention for both personnel and materials to minimise risks to site personnel and the public. 3.4 Interpret and amend strategies regarding noise, air pollution and vibration management to minimise impact on the public.
4. Develop demolition work plans.	4.1 Interpret documentation to develop demolition work plans. 4.2 Confirm personnel and staff availability are sufficient for work plans.
5. Brief team and supervise implementation of impact minimisation strategies.	5.1 Consult with demolition teams to confirm strategies for minimising impact of demolition work on the environment and on public health and safety. 5.2 Distribute amended safe work method statements (SWMS) and invite and respond to questions, as required.

## Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

## Unit Mapping Information

Supersedes and is equivalent to CPCDE4002A Plan and supervise demolition work to minimise environmental and public health and safety impact.

## Links

Companion Volumes to this Training Package are available at the VETNet website

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

# Assessment Requirements for CPCCE4002 Plan demolition work to minimise risk to health, safety and environment

## Performance Evidence

To demonstrate competency in this unit, a candidate must plan and supervise demolition work to minimise environmental and public health and safety impact on two demolition projects, one of which must involve a structure above 15 metres in height. The candidate must:

- assess the potential impacts of the demolition tasks
- identify measures to minimise the impacts of the demolition work on the environment
- identify measures to minimise the impacts of the demolition work on the public
- review strategies and demolition work plan
- brief and consult with the demolition team.

In doing this, the candidate must meet the performance criteria for this unit.

## Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- the compliance requirements of the relevant Australian Standards, Building Code of Australia (BCA), model codes of practice, environmental and work health and safety (WHS) legislation
- demolition procedures, techniques and safety requirements
- demolition site inspection procedures
- environmental and public health and safety hazards and risks existing or arising on demolition sites, and relevant risk management strategies
- legislation, regulations, codes and standards relating to environmental and public health and safety on demolition sites
- plant, tools and equipment required for demolition tasks:
  - permits and licences required
  - safe operating procedures
- project management strategies
- quality management strategies
- strategies to minimise environmental and public health and safety risks on and around demolition sites
- team leadership strategies.

## Assessment Conditions

Assessors must satisfy the requirements for assessors contained in the Standards for Registered Training Organisations.

Assessment of performance must be undertaken in the workplace or in a simulated workplace environment.

Assessors are responsible for ensuring that the candidate demonstrating competency has access to:

- worksite/s and specifications for planning and documenting demolition work
- appropriate documents, materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- requirements of workplace policies, procedures and demolition plans.

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