

## Student information

### Outline of course

This course comprises one unit of competency. This is an accredited course that is recognised by Workplace Health and Safety Queensland. The Registered Training Organisation will issue participants with a Statement of Attainment when they have successfully demonstrated the required competencies.

The nominal duration of this course is 20 hours. This will normally be conducted over three consecutive days at the RTO training rooms.

### Licensing regulatory requirements

Please note you will not be able to be issued with a Demolisher Certificate of Competency as WHSQ no longer issues a Demolisher Certificate of Competency to individuals.

The certificates are now issued to the business undertaking the demolition work. The business holding either of these certificates must ensure demolition work is directly supervised by a competent person.




Example of new certificate

There are two types of certificates relating to demolition work.

DM1 – This is an unrestricted certificate and authorises the demolition of any type of building or structure.

DM2 – This certificate is restricted and authorises the demolition of buildings or structures not more than 2 storeys or a maximum height of 10 metres.

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This course can be used by an organisation to partially demonstrate achievement towards obtaining a business certificate for performing the *prescribed activity* of demolition work, *recognised by the Queensland government for the purposes of licensing a business*.

From 1 February 2009 any person who holds a “Certificate of Competency as a Demolisher” issued under Part 3 of the former *Workplace Health and Safety Regulation 1997* or previous legislation will no longer qualify as the competent person to supervise the prescribed activity of demolition work.

Form 20— Workplace Health and Safety Act 1989 and Regulations  
 Queensland  
 C XXXXXXX  
 Date of Issue: 7.11.91  
**CERTIFICATE OF COMPETENCY AS A DEMOLISHER**  
 Name: [redacted]  
 Classifications  
 2 3 4  
 signature  
 Director

DIVISION OF  
**WORKPLACE HEALTH and SAFETY**  
**CERTIFICATE**  
 Name: XXXXXXXXX  
 Occupation: D3 Demolisher not > 2 stories or 10m  
 Valid Dates: FROM 11/04/1995  
 Director

Examples of old certificates (no longer valid)

From 1 February 2009 a person must comply with the other requirements outlined in information sheet D2 in order to be regarded as competent to supervise the prescribed activity of demolition work.

**It is important to note that completion of this course DOES NOT entitle the candidate automatic competency as a competent person for the supervision of demolition work. To be deemed competent as a supervisor of demolition work candidates must satisfy all WHSQ requirements and criteria.**

These criteria are outlined in the Handouts provided as summarised below:

- Schedule 1 of the *Workplace Health and Safety Act 1995* provides circumstances under which demolition work is a prescribed activity.
- Part 4, Division 2, Section 50 (1) & (2) of the *Workplace Health and Safety Regulation 2008* states that the holder of a certificate to perform a prescribed activity must ensure the performance of the prescribed activity is directly supervised by a competent person.
- Part 4, Division 2, Section 50 (3a) of the *Workplace Health and Safety Regulation 2008*, defines the conditions under which the supervision of demolition work is to be carried out by a competent person.

## Entry requirements

Candidates require no prerequisite educational attainment prior to attending this course.

It is expected that candidates will have at least intermediate levels of literacy and numeracy including the following:

- Ability to read and understand texts that contain several complex or ambiguous ideas
- Ability to write text beyond everyday context – memos, minutes, changes in routine
- Ability to use a range of algebraic formulae and calculating tools to solve work-based problems – measure 2 or 3 dimensional shapes, square root functions
- Ability to participate in oral exchanges that require control of non-routine language and structure – present changes in workplace practices to colleagues.

All students are requested to undertake a short self-assessment and testing process to identify language, literacy and numeracy skills. It is important that students who require additional support are clearly identified at the beginning of the training process. Trainers and assessors can provide additional support in specific areas, such as numeracy, that apply specifically to demolition.

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# Requirements for a competent person

A person will be considered a 'competent person' to directly supervise the prescribed activity of demolition work if he or she meets the following requirements:  
The person must be at least 18 years of age.

AND

The person must demonstrate a working knowledge of the certificate holder's workplace health and safety policy and procedures.

AND

The person must demonstrate knowledge of the –

- Workplace Health and Safety Act 1995 (PDF, 766 KB)
- *Workplace Health and Safety Regulation 2008*
- AS 2601 *Demolition work* (non-Queensland Government link)
- any relevant codes of practice applicable to demolition work.

**Note:** holding a Workplace Health and Safety Officer Certificate issued under the *Workplace Health and Safety Act 1995* would demonstrate achievement of the first two elements of this requirement.

AND

The person must have at least three years relevant industry experience.

AND

The person must have demonstrated practical supervisory experience in the demolition of buildings or structures, including having successfully completed at least three major projects involving demolition work.

**Note:** One way of demonstrating compliance with this requirement would be a written record (for example, a log book jointly signed by the person and the responsible person/s) that identifies:

- the supervisory experience
- the dates of commencement and completion of the projects
- the nature of the projects

AND

The person must hold:

(A) a Statement of Attainment in 30765 QLD Course in Demolition Theory and Application or an equivalent course issued by a Registered Training Organisation that covers competencies which meet requirements under the *AS 2601 – 2001: Demolition of Structures*;

OR

(B) a relevant qualification, for example, a Degree in Construction Management or a Diploma or Associate Diploma in Building;

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# Competency to undertake Demolition Work

## Required knowledge

During the course the following knowledge will be required to be demonstrated through testing and oral presentation:

Knowledge and understanding of:

- Australian Standard AS2601
- *Workplace Health and Safety Act 1995*
- *Workplace Health and Safety Regulation 1997*
- (Note: you will also cover the update - Workplace Health and Safety Regulation 2008)
- Safe work method statements
  - Demolition work plans
  - Site investigations
  - Hazard identification
  - Work procedures
  - Work methods
  - Work restrictions/conditions
  - Time charts
  - Approvals

## Required underpinning skills

During the course you will be given opportunities to demonstrate the following skills:

- Language and communication skills that:
  - Communicate proposed ideas and strategies
  - Clarifies details and schedules
- Literacy skills
  - Use a range of communication styles – forms, diagrams, charts, formulae
  - Document investigations
  - Write procedures
  - Write demolition work plans
- Research skills
  - Access information
  - Explore options and concepts
  - Identify critical and influential factors
- Analytical skills
  - Interpret plans and specifications
  - Deduce potential outcomes
- Cognitive skills
  - Generate relevant ideas/solutions
  - Review and evaluate ideas
  - Determine range of solutions

## Assessment requirements

To demonstrate competency in this unit, candidates must show evidence that they can apply the AS2601.

Specifically this means you will be required to demonstrate competency in:

- an examination
- an oral presentation
- the satisfactorily development and presentation of a demolition document required under Queensland's workplace health and safety legislation that relates to the demolition of structures.

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# Evidence requirements

The critical aspects of evidence that will be assessed are:

- Location, interpretation and application of relevant information standards and specifications
- Compliance with Australian Standard 2601 in respect to Demolition activities
- Communicating and working effectively with others
- The oral presentation (detailed below)
- Responses to verbal questioning asked by the trainer/assessor relating to the application of AS 2601 contained in the demolition work plan
- Completing and submitting a demolition work plan that conforms to AS 2601 guidelines covering a specific demolition scenario
- Completing the theory examination – which comprises multiple choice and short answer questions.

## Oral presentation

During this course you will be learning about Demolition Work Plans.

On the final day of your training (Day 3) you will be required to give a **10 –15 minute presentation** where you present a Demolition Work Plan (DWP) for a specific demolition scenario.

Note:

Students in the group may be given different demolition scenarios. This will enable students to discuss reasons for differences in approaches to the DWP.

Students in the group may be given the same demolition scenario and be required to present their DWP separately.

In your presentation you will need to:

- (a) discuss the demolition methods, procedures and precautions you have included in your Demolition Work Plan
- (b) explain how it complies with AS 2601
- (c) identify and provide examples of all other types of documents that would be need with the DWP.

Following your presentation the trainer and assessor will ask you questions about your DWP and how you have interpreted and complied with AS 2601.

You will also be asked how you would communicate information about the DWP to project team members and other personnel.

You may be asked how you would overcome client concerns; how you would ensure your documents could be read and interpreted correctly; and how you could weigh alternatives in a problem-solving situation.

NOTE: for the purposes of assessment you will not be assessed on your presentation skills. Only the quality of your answer will be assessed in terms of you being able to demonstrate application of AS 2601.

## Practical demonstration of competency

## Resources

In order to successfully complete this course, students will have access to the following print or electronic resources:

- Australian Standard AS 2601 (Note: this will remain the property of Koolat Safety)
- Examples of Safe Work Method Statements
- Examples of Construction Safety Plan
- Examples of Demolition Safety Plans/Demolition Work Plans
- Workplace Health and Safety legislation and codes of practice

Note:

You will need to complete a variety of documents. At times during the course you may be required to write legibly. You may also be required to complete some documents in a word processed format.

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## Employability Skills

The following table contains a summary of the employability skills for this qualification. The outcomes described here are broad industry requirements that are typical of this qualification and should not be interpreted as definitive. The specific skills may vary according to specific work requirements.

### Employability Skills requirements for this qualification include:

- |                                  |  |
|----------------------------------|--|
| <b>Communication</b>             | <ul style="list-style-type: none"> <li>listen and carry out verbal instructions from supervisors</li> <li>share information with the project team and non project members relating to the demolition project or other workplace requirements</li> <li>negotiate and persuade non project team members to ensure legal requirements, relevant permission and plans are made available</li> <li>liaise with non project service personnel in regards to the demolition project</li> <li>read and develop work plans for demolition projects</li> </ul>   |
| <b>Teamwork</b>                  | <ul style="list-style-type: none"> <li>work collaboratively with other team members and non project members</li> <li>recognise and adapt appropriately to cultural and language differences in the workplace</li> <li>ensure that relevant parties are aware of the requirements and obligations of AS 2601 in regards to demolition activities</li> <li>assist in site and structural inspections</li> </ul>  |
| <b>Problem solving</b>           | <ul style="list-style-type: none"> <li>recognise and either report or solve basic and intermediate routine problems within the demolition project</li> <li>develop practical solutions to solving demolition projects</li> <li>determine the precautions required for the relevant demolition method selected</li> <li>determine the correct sequence for the demolition procedure selected</li> <li>determine information in accordance with AS 2601 that is required for inclusion within a work plan</li> </ul>   |
| <b>Initiative and enterprise</b> | <ul style="list-style-type: none"> <li>translate own ideas into action</li> <li>adjust timelines where possible</li> </ul>   |
| <b>Planning and organising</b>   | <ul style="list-style-type: none"> <li>managing time and priorities – setting timelines, co-ordinating tasks for self and the project team</li> <li>taking initiative and making decisions regarding demolition projects</li> <li>adapting resource allocations for demolition projects to cope with contingencies</li> <li>allocating people and other resources to tasks associated with demolition projects</li> <li>planning the use of resources including time management for demolition projects</li> <li>participating in continuous improvement and planning process for demolition projects</li> <li>predicting – weighing up risk, evaluating alternatives and applying evaluation criteria in relation to demolition projects</li> <li>collecting, analysing and organising information for demolition projects</li> </ul> |
| <b>Learning</b>                  | <ul style="list-style-type: none"> <li>contribute to learning in the workplace</li> <li>apply learning to technical issues in regard to demolition projects</li> <li>acknowledge the need to learn to accommodate change</li> </ul>  |
| <b>Technology</b>                | <ul style="list-style-type: none"> <li>having a range of basic IT skills that are used in demolition projects</li> <li>having occupational health and safety knowledge to apply to technology associated with demolition projects</li> <li>having the appropriate physical capacity to undertake demolition projects</li> </ul>  |

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