



Australian Government

CPCCE3020 Select and use tools and equipment for hot work in the demolition industry

Release: 2

CPCCE3020 Select and use tools and equipment for hot work in the demolition industry

Modification History

- Release 2 Updated reference to general construction induction training program.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is equivalent to CPCCE3020A Select and use tools and equipment for hot work in the demolition industry. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to cut materials using cutting processes that create a heat source that could cause an ignition. The unit covers the safe operation and maintenance of tools and equipment for hazardous demolition hot work.

It includes the safe on-site operation and maintenance of tools and equipment used for hazardous demolition hot work.

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 unit *CPCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

Hot work permits and licenses for the operation of specialised hot-work equipment are required in different states and territories.

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.

Pre-requisite Unit

CPCWHS20 Apply WHS requirements, policies and procedures in the construction
01 industry

Unit Sector

Demolition.

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

- | | |
|---|--|
| 1 Plan and prepare for work. | 1.1 Obtain, confirm and apply work instructions to planning and preparation, using required information, and in consultation with colleagues or supervisors. |
| | 1.2 Complete tasks according to regulatory, legislative and workplace policies and requirements. |
| | 1.3 Identify and apply site work health and safety (WHS) requirements to task planning according to safety. |
| | 1.4 Identify, select and fit personal protective equipment (PPE). |
| | 1.5 Conduct worksite inspection and assess hazards associated with individual demolition hot work tasks immediately prior to commencing work. |
| | 1.6 Identify and apply environmental requirements according to environmental plans. |
| | 1.7 Obtain and check permits for hot work and licences for specialised equipment before starting work. |
| 2 Select tools and equipment and prepare for use. | 2.1 Select tools and equipment for different hot work tasks according to manufacturer recommendations. |
| | 2.2 Complete pre-operational checks and maintenance requirements according to manufacturer recommendations and rectify and report faults. |
| | 2.3 Identify and apply specific WHS requirements and safe methods of operation of tools and equipment for hot work from manufacturer instructions. |
| 3 Complete cutting, grinding and hot work. | 3.1 Obtain confirmation from supervisor and regulatory authorities that existing services have been disconnected. |
| | 3.2 Amend safe demolition work method statement if required and confirm with colleagues or supervisor. |
| | 3.3 Prepare work area for hot work according to site safety |

requirements.

3.4 Use tools and equipment for their intended purpose in hot work demolition tasks.

3.5 Communicate work progress and hazards or issues arising during work tasks with work team.

3.6 Place tools and equipment in safe locations when not in immediate use.

- | | | |
|-----------------------|-----|---|
| 4 Clean up work area. | 4.1 | Clear work area and sort materials for reuse or recycling and remove or dispose of waste using safe manual-handling techniques. |
| | 4.2 | 4.2 Clean, check, maintain and store tools and equipment according to manufacturer recommendations. |

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:

- learning skills to:
 - recognise signs indicating undiscovered hazards on a demolition site, for example presence of residual fuel
 - respond to change, such as differences in current worksite environmental and sustainability requirements
- numeracy skills to:
 - check levels of lubricants in tools
 - perform measurements and calculations associated with work, such as when determining specified length of wall to be removed
- writing skills to:
 - complete pre-operational checklists and simple equipment fault forms.

Unit Mapping Information

Supersedes and is equivalent to CPCCE3020A Select and use tools and equipment for hot work in the demolition industry.

Links

Companion volumes to this training package are available at the VETNet website -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>