



Australian Government

CPCCE3021 Operate demolition material crushing plants

Release: 2

CPCCE3021 Operate demolition material crushing plants

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 CPCCE3021A Operate demolition material crushing plants. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to operate a stationary or mobile crushing plant to produce crushed demolition materials in a range of sizes. It includes the preparation, inspection, maintenance, operation and shut down of a crushing plant. It may include working with others and as a member of a team.

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 *CPCWHS1001 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.

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	1.1 Access and apply compliance requirements relevant to
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work.	crushing and screening plant operations.
	1.2 Obtain, confirm and apply work requirements using required information for planning and preparation.
	1.3 Complete tasks according to manufacturer's instructions and regulatory, legislative and workplace policies and requirements.
	1.4 Follow work health and safety (WHS) requirements.
	1.5 Select plant and equipment to carry out tasks that are consistent with job requirements and check for serviceability and rectify and report faults before work begins.
	1.6 Identify environmental requirements for the project.
	1.7 Identify, select and fit personal protective equipment (PPE).
	1.8 Conduct crushing plant pre-start, start-up, run and shutdown procedures to ensure correct operational condition according to manufacturer requirements, and identify and correct faults or report these to supervisor.
	1.9 Prepare work area and equipment and plan sequence of tasks in coordination with personnel.
2 Operate crushing plant.	2.1 Select and modify operating technique to meet changing work conditions according to manufacturer recommendations.
	2.2 Direct uncrushed materials into hopper and maintain feed of uncrushed materials according to manufacturer instructions.
	2.3 Monitor conduct and control operations within the equipment limitations and communicate with relevant personnel to maintain crushing and screening efficiency and effectiveness.
	2.4 Stop and clear crushing of blocked materials and restart as required.
	2.5 Maintain crushing plant settings.
	2.6 Complete work within the operating capacity of the

allocated equipment.

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| 3 Carry out post-operational procedures. | 3.1 Inspect plant and equipment and report faults. |
| | 3.2 Conduct operational maintenance, servicing, lubricating and housekeeping tasks. |
| | 3.3 Maintain and process operational records and report. |
| | 3.4 Shut down crushing plant according to site safety and operation plan. |
| 4 Clean up work area. | 4.1 Clear work area and dispose of, reuse or recycle materials. |
| | 4.2 Clean, check, maintain and store tools and equipment. |

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:
 - evaluate own actions and make judgements about performance and necessary improvements
 - respond to change, such as differences in current worksite environmental and sustainability requirements
- numeracy skills to:
 - estimate weight of volumes of demolition debris
 - perform measurements and calculations associated with work, such as determining maximum load capacity of equipment.

Unit Mapping Information

Supersedes and is equivalent to CPCCE3021A Operate demolition material crushing plants.

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>