



Australian Government

CPCPDR3023 Install on-site domestic wastewater treatment plants and disposal systems

Release: 2

CPCPDR3023 Install on-site domestic wastewater treatment plants and disposal systems

Modification History

- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.5.
Amended Knowledge Evidence.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
Supersedes and is not equivalent to CPCPDR2022A Install domestic treatment plants, and CPCPDR3023A Install on-site disposal systems.
Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to install an approved prefabricated wastewater treatment plant and on-site effluent disposal.

In some jurisdictions, this unit of competency may form part of accreditation, licensing, legislative, regulatory or certification requirements.

Pre-requisite Unit

CPCPCM2043 Carry out WHS requirements

Unit Sector

Plumbing

Elements and Performance Criteria

Elements describe the essential outcomes.

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

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|---------------------|--|
| 1 Prepare the work. | 1.1 Access, read and determine treatment plant and disposal system type installation requirements from relevant job plans and specifications, codes Australian standards, manufacturer's specifications and jurisdictional requirements. |
| | 1.2 Identify and apply workplace policies and procedures, work health and safety (WHS) and environmental |

requirements.

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| | 1.3 | Create a materials list and collect materials. |
| | 1.4 | Select and check serviceability of appropriate tools and equipment including personal protective equipment (PPE). |
| 2 | Install treatment plant and disposal system. | |
| | 2.1 | Set out and excavate site to required depth. |
| | 2.2 | Prepare the excavated base for installation. |
| | 2.3 | Install a treatment plant and on-site disposal system. |
| 3 | Clean up. | |
| | 3.1 | Clear the work area, and dispose of, reuse or recycle materials in accordance with state and territory legislation and workplace policies and procedures. |
| | 3.2 | Clean tools and equipment, check for serviceability and report any damage, and store and secure. |

Foundation Skills

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

Unit Mapping Information

Supersedes and is not equivalent to CPCPDR2022A Install domestic treatment plants, and CPCPDR3023A Install on-site disposal systems.

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>

Assessment Requirements for CPCPDR3023 Install on-site domestic wastewater treatment plants and disposal systems

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Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria for this unit by:

- installing an approved domestic wastewater treatment plant
- installing an on-site disposal system with connection to the outlet of the treatment plant, including an irrigation system or a transpiration or absorption trench with a minimum length of 3.0 metres.

Knowledge Evidence

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

- effluent treatment and disposal
- types of domestic treatment plants
- types of onsite effluent disposal systems
- treated-water irrigation systems in accordance to relevant job plans and specifications, codes, Australian Standards, manufacturer's specifications and jurisdictional requirements
- approval requirements for onsite treatment plants including soil testing requirements and procedures
- system operations and characteristics of sewage treatment
- how to access relevant information, including codes and standards
- tools, materials and equipment used to install an on-site domestic wastewater treatment plant and disposal system including levelling and alignment processes
- work health and safety (WHS) requirements for installing an on-site domestic wastewater treatment plant and disposal system.

Assessment Conditions

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

This unit must be assessed in the workplace or a close simulation using realistic workplace conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

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