

# Unit of Competency CPCPDR3023

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

### 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.

### Prerequisite Unit

CPCPCM2043 Carry out WHS requirements

### Elements and Performance Criteria

1. Prepare the work.	<p>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.</p> <p>1.2 Identify and apply workplace policies and procedures, work health and safety (WHS) and environmental requirements.</p> <p>1.3 Create a materials list and collect materials.</p> <p>1.4 Select and check serviceability of appropriate tools and equipment including personal protective equipment (PPE).</p>
2. Install treatment plant and disposal system.	<p>2.1 Set out and excavate site to required depth.</p> <p>2.2 Prepare the excavated base for installation.</p> <p>2.3 Install a treatment plant and on-site disposal system.</p>
3. Clean up.	<p>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.</p> <p>3.2 Clean tools and equipment, check for serviceability and report any damage, and store and secure.</p>

### Foundation skills

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

### Unit Mapping Information

Supersedes and is non-equivalent to CPPPDR2022A Install domestic treatment plants, and CPCPDR3023A Install on-site disposal systems.

## Links

Companion Volume Implementation Guide:

<https://vetnet.education.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

### 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
- 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
- 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.

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