

Unit of Competency CPCPSN3025

Install pre-treatment facilities

Application

This unit specifies the skills and knowledge required to install pre-retreatment facilities designed to intercept and retain prohibited discharges to the sanitary plumbing and drainage system.

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. Identify requirements.	1.1	Access, read and determine pre-treatment facility installation requirements from job specifications, relevant Australian Standards, codes, manufacturers' instructions and jurisdictional requirements.
	1.2	Obtain, interpret and follow workplace, work health and safety (WHS) and environmental requirements.
2. Prepare for work.	2.1	Create a materials list and collect materials.
	2.2	Select appropriate tools and equipment including personal protective equipment (PPE).
3. Install and test pre-treatment facility.	3.1	Set out work and check to confirm compliance with plans, specifications and authority requirements.
	3.2	Install pre-treatment facility according to manufacturers' instructions, relevant Australian Standards and jurisdictional requirements.
	3.3	Test and analyse system to ensure installation is functioning correctly and is compliant with manufacturers' instructions, relevant Australian Standards and jurisdictional requirements.
	3.4	Complete documentation according to workplace requirements.
4. Clean up.	4.1	Clear the work area and dispose of any materials in accordance with state or territory legislation and workplace requirements.
	4.2	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 equivalent to CPCPSN3025A Install pre-treatment facilities.

Links

Companion Volume Implementation Guide:

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

Assessment Requirements for CPCPSN3025

Install pre-treatment facilities

Performance Evidence

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

- installing, commissioning and testing two different pre-treatment facilities for a sanitary plumbing or drainage system.

Knowledge Evidence

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

- processes for materials handling when installing pre-treatment facilities
- process for installing pre-treatment facilities:
 - acid traps and neutralisers
 - cooling interceptors
 - grease traps
 - plaster and clay traps
 - silt interceptors
 - solid traps
 - solvent and oil interceptors
- properties and effects of prohibited waste discharges to sewers
- how to access relevant information, including codes and standards
- tools, materials and equipment used to install pre-retreatment facilities
- work health and safety (WHS) requirements for installing pre-treatment facilities.

Assessment Conditions

Assessors must satisfy the requirements for assessors listed 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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