

Unit of Competency CPCPSN3022

Install discharge pipes

Application

This unit specifies the skills and knowledge required to install discharge pipes.

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

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| 1. Identify installation requirements. | 1.1 | Access, read and determine discharge pipe installation requirements from plans, job specifications, codes, relevant Australian Standards, manufacturers' specifications 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 discharge pipe system. | 3.1 | Set out discharge pipes. |
| | 3.2 | Locate and install fixings and supports. |
| | 3.3 | Test discharge pipe system. |
| 4. Clean up. | 4.1 | Clear the work area and dispose of, reuse or recycle 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 CPCPSN3022A Install discharge pipes.

Links

Companion Volume Implementation Guide:

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

Assessment Requirements for CPCPSN3022

Install discharge pipes

Performance Evidence

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

- installing discharge pipes, from given plans and specifications, to the following:
 - o a bath
 - o a shower
 - o a water closet
 - o a basin
 - o a floor waste gully
 - o a kitchen sink
 - o a laundry tub
- installing discharge pipes from given layouts, including:
 - o two approved materials and approved joining methods
 - o connecting fixture discharge pipes to an approved point of connection.

Knowledge Evidence

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

- terminology relating to discharge pipes
- properties of soil and waste discharges, including temperature and corrosive discharges
- approved materials and components, their characteristics and application relating to discharge pipes
- how to access relevant information
- tools, materials and equipment used for the installation of discharge pipes
- work health and safety (WHS) requirements for installing discharge pipes.

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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