



Australian Government

Assessment Requirements for CPCPIG3022 Install and commission domestic irrigation pumps

Release: 3

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Modification History

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| Release 3 | This version first released with CPC Construction, Plumbing and Services Training Package Release 6.3.

Changes to Knowledge Evidence. |
| Release 2 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.

Knowledge Evidence formatted for clarity. |
| Release 1 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCPIG3022A Install and commission domestic irrigation pumps. Updated to meet the Standards for Training Packages 2012. |

Performance Evidence

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

- installing and commissioning for operation, a centrifugal pump (25 mm suction and 25 mm delivery) to comply with given plans and specifications for a domestic irrigation system.

Knowledge Evidence

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

- characteristics and application of different pipes and fittings, including:
 - fixing and joining techniques and methods
 - flow rates
- various types of domestic irrigation pumps
- properties of water, including pressure and flow rates
- relevant statutory and authority requirements related to installing and commissioning domestic irrigation pumps
- SI system of measurement
- mechanical, hydraulic and electrical principles
- standards applicable to the installation
- levelling and alignment processes

- process of installing and commissioning domestic irrigation pumps
- workplace and equipment safety requirements.

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

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>