



Australian Government

Assessment Requirements for CPCPMS3035 Install and test ducting systems

Release: 2

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Modification History

- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.
Typographical error corrected in Element and Performance Criteria 3.4.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
Supersedes and is equivalent to CPCPMS3035A Install and test ducting systems. 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:

- locating, interpreting and applying relevant information, standards and specifications to install and test small ducting systems
- installing, insulating, testing and balancing ductwork from a fan coiled unit to three outlet grilles given the plans and specifications.

The installation must incorporate hard and flexible duct work, including one transition piece and air control dampers.

Knowledge Evidence

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

- application of flow rates, pressure and volume principles to testing procedures
- characteristics of materials used in the system being tested
- processes of installing, insulating and testing ducting
- system types and identification of system components
- techniques for setting out, assembling, fixing and jointing duct work systems and components, including insulation and acoustic materials
- types of repairs for detected leaks in the duct work system
- how to access relevant information, including codes and standards
- tools, materials and equipment used to install and test ducting systems
- work health and safety (WHS) requirements to install and test ducting systems.

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>