



Australian Government

Assessment Requirements for CPCCPB3015 Install acoustic and thermal environmental protection systems

Release: 2

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Modification History

- Release 2 Updated reference to general construction induction training program.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and equivalent to CPCCPB3015A Install acoustic and thermal environmental protection systems. Updated to meet the Standards for Training Packages 2012.

Performance Evidence

To demonstrate competency, a candidate must satisfy all of the elements, performance criteria and foundation skills of this unit by installing a minimum:

- 9 square metres of blanket insulation to a stud wall/ceiling
- 9 square metres of acoustic plaster sheeting to walls and ceiling
- 9 square metres of acoustic tiles to ceiling.

All work must be performed to the standard required in the workplace and must comply with Commonwealth and state/territory laws and regulations, the National Construction Code, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, and workplace requirements.

Knowledge Evidence

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

- compliance requirements of the National Construction Code and Australian Standards for installing acoustic and thermal environmental protection systems
- regulation and building codes related to acoustic and thermal protection requirements and systems
- sustainable building practices related to acoustic and thermal protection requirements and systems
- quality policies and standards for installing acoustic and thermal environmental protection systems
- safety requirements for installing acoustic and thermal environmental protection systems, including personal protective equipment (PPE), job safety analyses, safe work method statements and safety data sheets
- acoustic and thermal protection systems materials
- acoustic protection systems installation techniques

- basic acoustic theory
- thermal system installation techniques
- basic thermal theory related to heat loss
- materials storage and environmentally friendly waste management
- plans, drawings and specifications for installing acoustic and thermal environmental protection systems
- processes for the calculation of material requirements for installing acoustic and thermal environmental protection systems
- types of acoustic protection systems available for wall and ceiling application and their characteristics, strengths and limitations
- types of thermal protection systems available for wall and ceiling application and their characteristics, strengths and limitations
- types and uses of tools and equipment installing acoustic and thermal environmental protection 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 of the workplace environment, provided that simulated or project-based assessment techniques replicate construction workplace conditions, materials, activities, responsibilities and procedures
- using realistic tasks or simulated tasks, relevant specifications and work instructions, standard work practices, safety requirements and environmental constraints.

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>