



Australian Government

CPCCPB3027 Install ceiling insulation products

Release: 1

CPCCPB3027 Install ceiling insulation products

Modification History

Release 1. This Version first released with CPC Construction, Plumbing and Services Training Package Version 3.0.

Application

This unit specifies the outcomes required to safely undertake only ceiling insulation installation work using bulk insulation products. The unit includes identifying legislative, regulatory, and job requirements; planning and preparing to install insulation; installing insulation; and, completing installation, including preparation of a Statement of Insulation Installation.

The unit requires a person undertaking this work to comply with legislative, regulatory, safety and technical, organisational and site requirements while planning and carrying out the work.

The unit applies to insulation installers working primarily in residential buildings, although there may be application in some instances in commercial buildings.

Persons undertaking this unit should be aware that coverage of this unit extends only to ceiling insulation and does not include the broader context of wall and floor insulation installation.

At the time of endorsement there was no requirement by any state or territory regulator for insulation installers to complete this unit for licensing or registration purposes.

Pre-requisite Unit

Nil

Competency Field

Plasterboard

Unit Sector

Construction

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1. Define job requirements.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1 Identify scope of required installation activities through review of job requirements and inspection of work site.

- 1.2. Assess and control site risks and **hazards** and communicate and clarify any issues with supervisor.
- 1.3. Identify requirements of workplace procedures for responding to the presence of vermin, asbestos, and dust within the workspace.
- 1.4. Identify required safety equipment and processes by review of work order, risk assessment, Safety Data Sheets (SDS), Safe Use Instruction Sheet (SUIS) and **safety legislation**.
- 1.5. Identify and review requirements of **Australian Standard** (AS) AS3999 relating to electrical inspections, safety and installation activities.
- 1.6. Identify and review workplace **environmental requirements** that relate to the installation activities.
- 1.7. Identify and review workplace **emergency response and evacuation procedures** as they apply to the site of the installation activities.
- 1.8. Identify and review **work instructions and specifications** that relate to the installation activities.
2. Plan and prepare for installing insulation.
 - 2.1. Undertake an electrical risk assessment and prepare an electrical risk assessment report.
 - 2.2. Document and submit for approval a **Safe Work Method Statement** (SWMS) for the worksite, incorporating identified risks and hazards, the outcomes of the electrical risk assessment, electrical isolation procedure and the hazard hierarchy of control.
 - 2.3. Plan job incorporating identified requirements of work order, work site, safety legislation, AS 3999, environmental requirements, work instructions and specifications and SWMS.
 - 2.4. Confirm that **insulating material** and **insulation requirements** meet work instructions and thermal and acoustic performance specifications.
 - 2.5. Put in place all requirements of the SWMS.
 - 2.6. Select **Personal Protective Equipment** (PPE), **tools, equipment and associated materials**, check for serviceability and report for repair or replacement where unserviceable.
3. Install ceiling insulation.
 - 3.1. Isolate worksite electrical circuits and install safety signage and lock-out tag in accordance with the SWMS.

- 3.2. Undertake installation work in accordance with the SWMS.
- 3.3. Undertake installation work using approved methods of measurement and cutting of ***insulating material***.
- 3.4. Undertake installation work in accordance with requirements of AS 3999 for recessed luminaires and electrical cable.
- 3.5. Undertake installation work in accordance with manufacturers' specifications and minimise waste.
- 3.6. Install insulation without damage or distortion of the surrounding environment, electrical and other services and in a manner that maximises safety of self and others.
- 3.7. Conduct final inspection to ensure installed ceiling insulation conforms to work instructions, AS 3999 and manufacturers' specifications.
4. Complete installation.
 - 4.1. Clean work area and dispose of, re-use or re-cycle ***materials*** following workplace and environmental procedures.
 - 4.2. Clean, check, maintain and store tools and equipment in accordance with manufacturer specifications.
 - 4.3. Document details of malfunctions, faults, wear or damage to tools and equipment and report for repair or replacement.
 - 4.4. Document, distribute and store Statement of Insulation Installation.

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Not Applicable

Unit Mapping Information

Supersedes and is not equivalent to CPCCPB3027A - Install ceiling insulation

Links

An Implementation Guide to this Training Package is available at the VETNet website -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>