



## Installation of ceiling insulation

### Consumer safety self assessment and acknowledgement form

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#### Consumer safety message

The installation of insulation in your home will reduce your heating and cooling costs and thereby, greenhouse emissions from power stations.

Incorrectly installed insulation can cause lights or transformers to ignite.

#### Self assessment

Before an insulation installer begins work on your home, do your own quick self assessment to determine if your roof space contains objects that may already be generating heat.

Questions to ask yourself	Yes	No
Does your ceiling have TV boosters or security alarms installed in the roof space?		
Does your ceiling contain halogen 12 volt down lights?		
Does your ceiling contain incandescent 240 down lights?		
Does your home contain a flue from a gas heater that goes into the roof space?		
Does your home contain a chimney from a fire that goes into the roof space?		
Does your home have any transformers in the roof space, for example to service a door bell or other low voltage equipment?		
Does your home have high intensity heating lamps in the bathroom?		
Do you have an exhaust from the kitchen or bathroom that vents into the roof space?		

#### If you answered yes

If you have answered **Yes** to any of these questions, then there is the potential for an excessive build up of heat should insulation be installed in contact with or covering any of the items mentioned above. It is therefore important that the person who is installing the insulation be aware of the minimum air gap that is required around each of these items to ensure any heat can be dissipated to the air.

#### Choosing an installer

If the insulation is being installed as part of the Australian Government's Energy Efficient Homes package, the installer must be registered on the Installer Provider Register maintained by the Department of the Environment, Water, Heritage and the Arts and the installation must comply with all requirements of that package. You can check to see if the installer is registered by going to [www.environment.gov.au/energyefficiency](http://www.environment.gov.au/energyefficiency) or by phoning 1800 808 571.

## Acknowledgment form

This form is designed for people having insulation installed, as well as for the installer. By signing the form, the installer acknowledges they understand the electrical Wiring Rules, the need to ensure insulation is kept at mandated distances from down lights and transformers, and their understanding of the gas installation standard.

Incorrectly installed insulation can cause lights or transformers to ignite.

I hereby acknowledge that I have carried out a hazard assessment of the ceiling and roof space at: *(write address in space below)*

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During my hazard assessment I noted that the home has the following electrical and/or heat generating equipment either in the roof space, or penetrating the roof space: *(Installer must tick which items have been noted)*

Equipment	✓ if noted in the roof space or penetrating the roof space
Recessed 240 volt down lights	
12 volt halogen down lights	
High intensity heat lamps	
Electrical transformers	
Flue from gas heater	
Recessed 240 volt down lights	
Chimney from fire	
Exhaust fans venting into the roof space	
Other heat generating items ..... .....	

In relation to electrical equipment I am aware that the Australian Standard on electrical wiring (AS/NZ3000:2007) requires a minimum air gap around halogen down lights of 200mm and 100mm around other types of lights, or installation of the luminaire within a suitably fire resistant enclosure.

In relation to flues and chimneys I am aware that the Australia Gas Installation Standard (AS 5601-2004) states that insulation must never rest against any flue. I also understand that a minimum air gap of 25mm must be maintained adjacent to a flue.

I acknowledge that I will install the insulation in such a manner that will allow for the continued safe operation of all installed equipment.

**Signed:**

Name:.....

Signature:.....

Date:.....

## Note

Further guidance on the installation of insulation can be found in AS3999 and the Building Code of Australia.