

Heat shields

Gas Bulletin #06

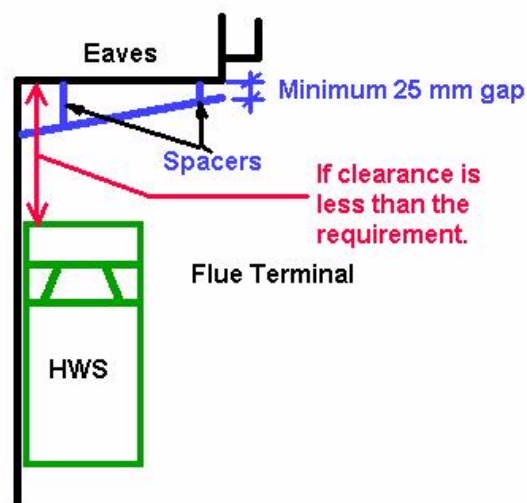
Issued February 2023

Are you unable to comply with the required clearance distances below eaves for hot water flue terminals?

There are occasions where it is not possible to locate an external gas hot water heater to comply with the requirements of AS/NZS 5601.1:2022 figure 6.9.3 Ref (a), below projecting combustible structures such as eaves.

Where there is no alternative location and the appliance cannot be installed lower to comply, contact the OTR as we may be able to give an exemption to allow a lesser distance between the overhanging structure and the terminal, provided a heat shield is to be installed that would meet the following specification:

- The heat shield shall be made of non-combustible material (sheet metal or cement fibre sheeting).
- The heat shield shall be fabricated to be twice the width and twice the depth of the appliance or provide heat protection to the full extent of the overhanging structure whichever is the greater.
- The shield shall not be fitted directly to the surface to be protected but rather fitted on spacing devices, at least 25mm below the overhanging structure, to provide an insulating air gap above the shield
- The heat shield shall be constructed and installed so as not to allow the accumulation of water above the shield.
- There shall be a notation on the Certificate of Compliance that there was no alternative but to install the appliance in that position and a reference to the installation of the heat shield.



Contact the Office of the Technical Regulator for more information

Online otr.sa.gov.au
Email otr@sa.gov.au
Phone 8226 5722



Government of
South Australia