

Certified design

Most gasfitting is done in accordance with sections 3 to 6 of AS/NZS 5601.1 or sections 3 to 9 of AS/NZS 5601.2. However, an installation may still be compliant even where it is not done in accordance with those sections of AS/NZS 5601.1 or AS/NZS 5601.2 if it is a *certified design* under the Gas (Safety & Measurement) Regulations 2010 (GSMR).

A certified design under regulation 43 of the GSMR must:

- *identify the location or proposed location of the gas installation or part installation; and*
- *identify the standards (if any) with which the gas installation or part installation, or proposed gas installation or part installation, complies or is intended to comply; and*
- *be signed and dated by the person who prepared the design.*

In addition, a certified design must be such that, if it is installed, tested and connected as designed, it will comply with the requirements of the GSMR, and be safe as required by regulation 9 (which requires a gas installation to be safe when used for its intended purpose and in a lawful manner).

A common way of determining if a certified design complies is to make sure the work complies with section 2 of AS/NZS 5601.1&2 which outlines requirements for a performance based design.

Work that is carried out in accordance with a certified design should be logged as high risk gasfitting. A copy of the certified design must be attached to the gas certificate. If it is impractical to attach the certified design to the gas certificate the certificate must instead contain a reference to where the documents can be found, in a readily accessible format, through electronic means.