



GAS APPLIANCES
TECHNICAL GUIDANCE BULLETIN

Bulletin Number: 26
Bulletin Date: Version 2 - Revised 1 May 2025
Product Type: Domestic Cookers Gas Connections
Relevant Standard(s): AS/NZS 5263.1.1:2020 Domestic Gas Cooking Appliances
Relevant Clause(s) Clause 2.3.1
Subject: Requirements for domestic cookers with internal gas connections intended to be made by the installing gasfitter.

Guidance to be provided:

Requirements of AS5263.1.1:2020 are to be modified as follows:

Gas fittings within an appliance (e.g. elbows, adapters) that are not certified to a relevant component standard and are intended to be made by gasfitters **during installation** shall also comply with applicable strength and torque requirements from AS3688:2016.

In particular, gas fittings shall require evidence of compliance with the test specified in appendix E of AS3688:2016. **Note: Compliance with AS3688 Clause E4 (e) may also be demonstrated through compliance with AS4618:2019 Clause 3.2 External Leakage.**

Reason:	A review of fittings used on the inlet of domestic cookers has found some are failing during installation and do not comply with relevant requirements. AS/NZS5263.0 has general requirements that specify construction and performance of parts do not alter under normal conditions of installation and use, and that all components must withstand the mechanical and chemical conditions they are subjected to under normal operation. Certified gas components such as gas valves and pressure regulators have minimum strength and torque requirements specified in the relevant component standards. However, many other fittings inside the appliance (e.g. elbows and adapters) do not have an explicit compliance requirement. Fittings that are intended to be connected by the gasfitter during installation are subjected to the same loads during installation/use as gas components and installation fittings, and therefore these appliance fittings are required to have equivalent performance and strength.
Action:	Conformity assessment bodies are to note the above additional requirements when assessing domestic cookers for certification.
Transition:	For all new applications for certification made after the date of this bulletin, this bulletin must be adhered to immediately. Existing certifications shall have suitable evidence of compliance by 1 July 2025
Result:	Components used to connect gas appliances will have adequate strength.
Proposed Revision to Standard:	The standard will be reviewed to consider the above issue, at which time the requirements of the standard will apply and will supersede this bulletin.

This bulletin provides technical guidance from the Gas Technical Regulators to Conformity Assessment Bodies that are JASANZ accredited for the certification of gas appliances required to comply with AS3645. This technical guidance is provided where the technical requirements or test methodologies from current technical standards are inadequate or can be misinterpreted. This bulletin is valid until such time as the relevant technical standard is revised or amended accordingly.