



03 Restrictions for stowed or covered appliance

This compliance information sheet (03) is the Petroleum and Gas Inspectorates interpretation of the *safety requirement AS/NZS5601.2:2020 Gas Installations Part 2 LP Gas installations in caravans and boats for non-propulsive purposes*, Clause 6.3.2 Restrictions for stowed appliances, and how it applies **to flues and air intakes of gas appliances** in recreational vehicles.

The design of a gas installation, in a recreational vehicle, must ensure that gas appliances minimise the risk to persons and avoid any hazard to the vehicle or its contents (see clause 2.9.3). The essential safety and performance-based design requirements of Section 2 require a means of isolation that prevents the flow of gas when an appliance is stowed (see clause 2.9.5). The means of compliance (clause 6.3.2) requires that, where an appliance can be stowed away while still connected to the gas supply, a means to ensure gas cannot flow must be provided.

Interpretation of clause 6.3.2.

- Where the gas supply to an appliance remains connected when the appliance is *stowed* the requirement for a means of preventing gas flow is required.
- The term *stowed* means storing, positioning, or covering an appliance (including flues and air intakes) for travelling.
- The term *aftermarket* means a cover, lid, or door that is not part of the original gas appliance design and approval.

Applying clause 6.3.2 to gas appliance flues and air intakes.

1. Where an *aftermarket* cover or door encloses the flue or air intake of a gas appliance a means of ensuring gas cannot flow is required when the appliance flue or air intake is enclosed.

Any means of preventing gas flow must not alter or affect the approved design of the appliance, for example:

- Electrical interlocks must not change the appliance wiring, interruption of the electrical supply should only isolate/interrupt the supply to the appliance, not alter the internal wiring of the appliance.
- Gas interlocks/valves must not change the appliance gas and combustion circuit, interruption of the gas supply should isolate the supply to the appliance, not alter the internal gas valves or combustion circuit.