

Gas note: appliance conversion

The conversion of a Type A gas appliance from one type of gas to another will present gas safety risks which must be managed.

These risks will vary according to the way the conversion is carried out and may be managed by a number of means as appropriate to the circumstances. Manufacturer supplied kits and instructions must be used when available.

The following table provides for most situations.

| Situation | Location | Controlling risk |
|---|--------------------------------|---|
| <p>New appliance being set up during manufacture for a particular type of gas or converted prior to delivery using a manufacturer supplied kit and instructions.</p> <p>(See notes 1 & 2)</p> | <p>Manufacturer's premises</p> | <p>The design must be verified by certification and assured by the manufacturer's production controls.</p> <p>Any conversion must be managed in accordance with the manufacturer's controls (e.g. undertaken by a factory trained person)</p> <p>(See note 2)</p> <p>The installer must verify safe operation when commissioning.</p> |
| <p>New or existing appliance being converted using the manufacturer supplied kit or modified components if kit is not available. (See note 2)</p> | <p>Consumer's premises</p> | <p>The installer must verify proper conversion and safe operation. (See notes 1 & 2)</p> <p>Conversion is only permitted for appliances that are certified and approved for that type of gas.</p> |

Notes:

1. Appliances converted at the consumer's premises must be tested with the appropriate gas to verify gas tightness, correct turn down ratio and safe operation.
2. Appliances may only be converted to a gas type for which the appliance has been approved under the terms of its certification by a certification assessment body, e.g. AGA, SAI GLOBAL, IAPMO, Global Mark etc.
3. Many gas appliances are approved for both Natural Gas and LPG, however there are some appliances (including barbeques) that are only approved for use with LPG and cannot legally (nor safely) be converted to operate on Natural Gas.

For further information please contact the ACT Planning and Land Authority on 6207 1923.