



**Register of Gas Installers of Ireland**  
Unit 9, KCR Industrial Estate,  
Ravensdale Park, Kimmage,  
Dublin 1

Tel: 01-4997998

Fax: 01-4929983

Email: [installationstandards@rgii.ie](mailto:installationstandards@rgii.ie)



---

# Technical Bulletin

Risk of CO from incorrectly converted boilers

---

June 2011

---

**BACKGROUND :**

Boiler delivered set for one family gas and not converted or commissioned correctly for the gas in use.

There have been a number of reports of appliances connected to an LPG supply that were found to have been put into service set up for Natural Gas. These appliances had not been converted for use with LPG. This resulted in the appliance producing very high and dangerous levels of carbon monoxide. This in turn created a very hazardous condition which could have resulted in death.

**SAFETY ACTIONS :**

Most appliances on the market today are by design suitable for use with either Natural Gas or Liquefied Petroleum Gas (LPG). All must be adjusted /converted to suit the particular gas in use. When procuring an appliance it is important to specify the gas type. It is always the responsibility of the person commissioning the appliance, to check that the appliance is set up for the correct gas type and operating pressure, before putting the appliance in to service.

Where adjustment or a conversion of an appliance is required, the procedure set out in the manufactures installation instructions must be complied with before putting the appliance into service. As part of the conversion it is important to also mark up the data plate on the appliance to show the correct gas type and to record details of the conversion on Declaration of Conformance and commissioning documentation.

If an appliance is not set up or has not been converted to suit the gas type, the appliance must always be disconnected from the gas supply and a DO NOT USE notice fixed to the appliance until such time as conversion is completed.