

Gas Boiler Service Checklist

An annual boiler safety check and boiler service carried out by a Register Gas Installer (RGI) ensures that your boiler is functioning properly and efficiently. Regular servicing of your boiler is important as it ensures that the boiler is working to the specifications designed by the boiler manufacturer. This will help prolong the life of the boiler as well as reduce the risk of faults. To locate a RGI in your area please visit www.rgii.ie

A service will include inspection of appliance location, ventilation, clearances and checking the gas soundness of the appliance. The appliance is inspected, cleaned and reassembled. The boiler functions are also tested for safe and correct operation. Finally a combustion efficiency test will be carried out to ensure that the appliance is operating at its maximum performance levels (where appropriate).

Annual Service Checklist: Gas Boiler

All boilers should be serviced in accordance with the manufacturer's instructions. Typically when performing an annual boiler service, the RGI should carry out the following:

Visual Inspection:

- Check boiler location (is it suitable?)
- Check for correct ventilation as appropriate
- Check boiler for visual damage

Boiler Checks:

- Check for flue spillage where appropriate
- Check flue condition, routing and terminal location
- Check condensate drainage system (condensing boilers only)
- Check appliance clearance from combustible materials
- Check main burner and clean as necessary
- Check pilot burner and probes/cables and clean/renew as necessary
- Check heat exchanger and clean as necessary
- Check/adjust main burner operation (as per manufacturer's instructions)
- Check operation of flame sensing control
- Check effectiveness of flue with boiler running
- Check for gas soundness of appliance with boiler running
- Check for electrical isolation and correct 3-amp fuse is fitted
- Inspect electrical wiring for damage and correct connection to appliance
- Check operation of boiler thermostat
- Check system pressure (as per manufacturer's instructions)
- Check and charge expansion vessel (where required)
- Check flue guard is fitted (where required)
- Check correct boiler operation including consumer controls (time clock, zone valves, thermostats)
- Carry out Combustion Efficiency Tests (where appropriate)

It illegal for any person who is not a Registered Gas Installer (RGI) to service gas boilers. On completion of a boiler service the RGI must provide a 'Declaration of Conformance' certificate to the home owner.