

OFTEC TECHNICAL BOOK THREE REGIONAL REQUIREMENTS

REPUBLIC OF IRELAND

The Building Regulations 1997 (Technical Guidance Documents)

The Department of the Environment, Heritage and Local Government are responsible for the Building Regulations 1997. The Building Regulations are designed to ensure the health, safety and welfare of people in and around buildings.

The Building Regulations 1997 are compiled from Technical Guidance Documents. The list below shows the different Technical Guidance Documents available:

- Part A Structure
- Part B Fire Safety
- Part C Site Preparation and Resistance to Moisture
- Part D Materials and Workmanship
- Part E Sound
- Part F Ventilation
- Part G Hygiene
- Part H Drainage and Waste
- Part J Heat Producing Appliances *
- Part L Conservation of Fuel and Energy
- Part M Access for people with Disabilities

* This includes oil storage tank installations

Technical Guidance Documents can be downloaded from www.environ.ie

Statutory Instruments

Statutory Instruments are the power to make law, which may be delegated by Parliament to Ministers and other persons. Statutory Instruments are the form in which delegated legislation is usually published.

The Statutory Instrument below relate to oil fired equipment installation.

SI No 497 of 1997	The Building Regulations 1997
SI No 284 of 2002	The Building Regulations (Amendment) Regulations 2002
SI No 581 of 2002	The Building Regulations (Amendment) (No 2) Regulations 2002
SI No 872 of 2005	European Communities (Energy Performance of Buildings) Regulations 2005
SI No 873 of 2005	Building Regulations (Amendment) Regulations 2005
SI No 854 of 2007	Building Regulations (Amendment) Regulations 2007

Statutory Instruments can be downloaded from www.environ.ie

Minimum Provision for New Systems in New Dwellings

All oil fired boilers installed on or after 1st April 2008 shall have a minimum seasonal HARP (Home-heating Appliance Register of Performance) efficiency of 86% (www.sei.ie/harp) and space and water heating systems should be controlled by providing the following minimum level of control:

- Full boiler controls, interlocks and a cylinder thermostat.

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The system should also be commissioned so that at completion the system and its controls are left in the intended working order and operate efficiently.

Where appliance minimum HARP efficiencies on new build properties are stated in the new build specification the appliance efficiency utilised (as specified by the builder, developer, architect or consultant) is matched to this requirement. No variation to this should take place without prior consultation and agreement of the specifier.

New build energy conservation includes the requirement to provide fully pumped systems with dedicated time and temperature control along with full boiler interlock and zones. New build properties are designed to comply with a Maximum Permitted Carbon Dioxide Emission Rate (MPCDER).

The properties calculated Carbon Dioxide Emission Rate (CDER) must not exceed the MPCDR.

Minimum Provision for New/Replacement Systems in Existing Dwellings (Maximum heating zone 100m²)

All oil fired boilers installed on or after 1st April 2008 shall have a minimum seasonal HARP efficiency of 86% (www.sei.ie/harp) and the system should be fully pumped and the space and water heating system should be controlled by providing the following:

- Full boiler controls, interlocks, zones and a cylinder thermostat.
- Independent time controls for the central heating and domestic hot water.

The system should be commissioned so that on completion the system and its controls are left in the intended working order and operate efficiently.

Appliance Installation

It is not permitted to install open flue appliances in domestic garages, therefore only room sealed balanced flue appliances should be installed in a garage location.

Electrical Works

It is recommended that all electrical works are carried out to BS 7671.

Contact Details

To report a pollution incident contact the Local Authority for that area

The Department of the Environment, Heritage and Local Government

www.environ.ie

