

AIR CONDITIONING

Refrigerant LOG BOOK

Customer Name:	
Site Address:	
Site Manager	
Book Number:	

REGULATION (EC) No 842/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL. The objective of the Regulation is to contain, prevent and thereby reduce emissions of fluorinated greenhouse gases covered by the Kyoto Protocol.

The Regulation covers the use of HFCs, PFCs and SF₆ in all their applications, except Mobile Air Conditioning, covered by the directive and Domestic Refrigerators.

Entry into force (Art. 19) : The F-gas Regulation and the MAC directive were published in the Official Journal for the European Union on 14 June 2006. The Regulation entered into force on 4 July 2006 and a number of the measures will apply from 4 July 2007. In addition to the legal text, additional national measures will be needed to implement, among others, its provisions on penalties for non-compliance, to be notified by 4 July 2008 (Art. 13)

Containment (Art. 3)

This Article covers refrigeration, air-conditioning (including heat pumps, etc.) and fire protection units.

The Commission will by 4 July 2007 establish the standard leakage checking requirements (Art. 3.7), which will be the basis for operators to use "all measures which are technically feasible and do not entail disproportionate cost" to prevent leakage repair any detected leakage.

A periodical check by certified personnel (Art. 5) is required, with the following frequency, depending on the quantity used :

- (a) 3 kg or more : at least once every 12 months – except for hermetically sealed systems containing less than 6 kg;
- (b) 30 kg or more : at least once every 6 months (12 months with an appropriate leakage detection system);
- (c) 300 kg or more : at least once every 3 months (6 months with an appropriate leakage detection system – which is anyway mandatory).

For 300 kg or more units, leakage detection systems must be checked at least once every 12 months.

In the case of fire protection systems installed before 4 July 2007, leakage detection systems must be installed by 4 July 2010.

For all units containing more than 3 kg F-gases a log book must be kept, indicating the quantity and type of product, quantities added when necessary, and the quantity recovered during servicing, maintenance and final disposal. Other relevant information is also requested, like the identification of the servicing company or technician, dates and results of the checks.

Recovery (Art. 4)

In the case of refrigeration, air conditioning, heat pumps, solvents equipment, fire protection and high-voltage switchgears, recovery by certified personnel must be ensured, for the sake of recycling, reclamation or destruction.

Minimum requirement for certification being, The person undertaking the recovery of refrigerants must be certified either by
City and Guilds 2078
C I TB Safe handling of refrigerants

For other applications, F-gases shall be also recovered, to the extent that it is technically feasible and does not entail disproportionate cost.

Labelling (Art. 7)

Refrigeration, air-conditioning (including heat pumps, etc.) and fire protection units, high-voltage switchgears, and all F-gases containers will be labelled.

