

TRENT VALLEY REFRIGERATION LTD

TEL: (01724) 840012 FAX: (01724) 344550 Email: info@trentvalleyrefrig.com

Guidance on the Ozone Depleting Substances Regulation and Phase Out Dates.

The EC Regulation on Ozone Depleting Substances (2037/2000) was published in 2000 and became immediately effective in the UK.

The Regulation affects the manufacture and use of refrigeration and air conditioning equipment and is relevant to all users, designers, equipment manufacturers, installation and maintenance contractors.

Common Ozone Depleting Refrigerants include: R22, R401A, R401B, R402A, R402B, R403A, R403B, R408A, R409A, R409B, R413A (Ozone depleting CFCs such as R12 and R502 cannot now legally be handled other than for disposal).

Phase Out Dates and Controls.

- There is a ban on the use of virgin HCFCs from 1st January 2010 and a ban on the use of all HCFCs including recycled materials, from 1st January 2015.
- All ODS used in refrigeration and air conditioning equipment must be recovered during service and maintenance of equipment prior to dismantling or disposal of equipment. Recovered HCFCs can be destroyed or re used until 2015.
- All precautionary measures practicable must be taken in order to prevent and minimise leakage.
- Fixed equipment containing ODS refrigerants which has a fluid charge greater than 3kg must be checked annually for leakage.
- A minimum qualification level for personnel servicing and maintaining equipment and handling of ODS refrigerants has been introduced and will be mandatory for all personnel from 9th April 2007.

Refrigeration and Air Conditioning Guidance Booklets.

The DTI and Defra published a guidance booklet in 2000 that summarised key aspects of EC Regulation No 2037/2000. The booklet can be viewed by relevant website or they can be ordered from the DTI Publications Order line.

The aim of the Guide is to outline these changes and to help users decide on appropriate action plans.

Details of how to obtain further help are also given at the end of this booklet.