



EFCTC NEWSLETTER

An update on fluorocarbons and sulfur hexafluoride

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FOUR REGULATIONS IMPLEMENTING THE F-GAS REGULATORY PUBLISHED

Under the [F-Gas Regulation 842/2006](#), the Commission was required to establish standard requirements on leakage control [article 3(7)], data reporting format [article 6(2)], labelling requirements [article 7(3)] and minimum qualifications for training [article 5(1)].

After agreement within the F-gas Regulatory Committee, four Implementing Regulations have been published in the Official Journal:

1. Leakage Checking: REGULATION 1516/2007 for Stationary refrigeration, air conditioning and Heat Pumps, and REGULATION 1497/2007 for Fire Protection Systems.

The leak checking Regulation details the procedure that certified personnel should follow when checking for leaks and the methods they should use. It also sets out requirements for repair of leakage. It enables personnel to know what constitutes a satisfactory approach to leak checking.

2. Labelling: REGULATION 1493/2007

The Labelling Regulation sets out the requirements of the label, the form of the label and the placing of the label. These requirements only relate to new products being placed on the market and not to existing equipment.

The entry into force date for the labelling requirement is 1 April 2008.

3. Reporting for Producers, Exporters & Importers: REGULATION 1494/2007

The Reporting Regulation sets out the format for data to be submitted by Producers, Exporters and Importers each year to the Commission.

4. The minimum qualifications for training are still outstanding.

Source : <http://www.dti.gov.uk/innovation/sustainability/fgases/page28889.html>

EU HEAT PUMPS ECOLABEL CRITERIA INCLUDE HFCs

[Following their adoption](#) by the EU Ecolabel National [Competent Bodies](#), ecological criteria for the EU Heat Pumps Ecolabel will allow refrigerants with a global warming potential ([GWP](#)) lower than 2000, which includes [most HFC refrigerants](#).



EFCTC NEWSLETTER

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The Commission decision has been [published](#) on November 20 in the Official Journal.

Under the Decision, the product group is defined to comprise electrically driven, gas driven or gas absorption heat pumps, with a maximum heating capacity of 100kW and which can concentrate energy present in the air, ground or water into useful heat for the supply of space heating or the opposite process for space cooling. Heat pumps which can only provide hot water for sanitary use or extract heat from a building and eject it to the air, ground or water for space cooling are excluded.

EPEE has [welcome](#) the balanced and holistic approach of the Decision, which takes into account the overall global warming impact and allows the freedom of choice in refrigerants.

For non-fluorinated gases, the GWP values are those published in the First IPCC assessment over a 100 year period, which gives [hydrocarbons](#) a GWP of 11.

US EPA RECOGNIZES THE ROLE OF HFC IN INDUSTRIAL PRECISION CLEANING

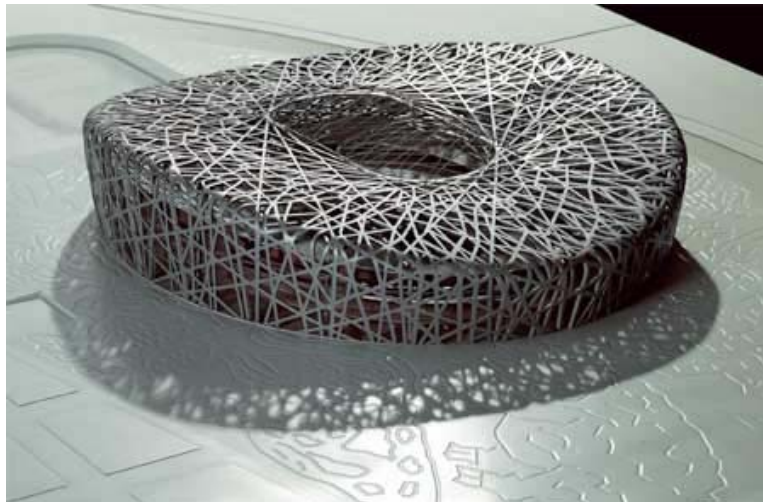
The [US EPA](#) rewarded the Japan Industrial Conference on Cleaning (JICC), an association of 130 companies which make cleaning machines and cleaning agents for industrial cleaning process, with its [2007 Best-of-the-Best Award](#) for its contribution to protect the stratospheric ozone layer.

The Japan Industrial Conference on Cleaning made it a goal in to find a way to take out [ODS](#) such as 1,1,1-trichloroethane and CFC-113, and their solution was [HFC-43-10](#).

[Industrial cleaning](#) is a critical process in the production of automobile, semiconductor and precision instruments that must meet defect-free and high-performance requirements.

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HFC BLOWN FOAM SELECTED TO INSULATE CHINA'S NATIONAL OLYMPIC STADIUM



HFC-blown closed-cell polyurethane [foam insulation](#) will be used to insulate walls for seating areas for the China's National Olympic Stadium in Beijing, commonly called the Bird's Nest. This will be the first such use for a major public building in the region.

The stadium will be the venue for the Opening Ceremony of the 29th Summer Olympic Games in August 2008. The nearly 2.8 million square-foot facility will hold more than 90,000 spectators.

The insulating technology will help meet strict energy efficiency and environmental guidelines required by government construction authorities, as well as international Olympic construction guidelines regarding environmental protection.

HFC-based closed-cell spray foam insulation can provide energy benefits and superior environmental performance compared to other insulation materials.

Before the Olympic Stadium, HFC-blown polyurethane foam had been chosen to repair the [Louisiana Superdome in New Orleans](#), following Hurricane Katrina in 2006.

Source : Product Manufacturer



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NEW ON OUR SITE

LIBRARY – Regulatory Documents – Climate Change

[Regulations implementing the F-Gas Regulation 842/2006](#)

[REGULATION 1493/2007](#) establishing the **format for the report** to be submitted by producers, importers and exporters.

For other languages go to <http://eur-lex.europa.eu/JOHtml.do?uri=OJ:L:2007:332:SOM:EN:HTML> and select another language.

[REGULATION 1494/2007](#) establishing the **form of labels and additional labelling requirements** as regards products and equipment.

For other languages see <http://eur-lex.europa.eu/JOHtml.do?uri=OJ:L:2007:332:SOM:EN:HTML> and select another language.

[REGULATION 1497/2007](#) establishing **standard leakage checking requirements for stationary fire protection systems** containing certain fluorinated greenhouse gases.

For other languages see <http://eur-lex.europa.eu/JOHtml.do?uri=OJ:L:2007:333:SOM:EN:HTML> and select another language.

[REGULATION 1516/2007](#) establishing **standard leakage checking requirements for stationary refrigeration, air conditioning and heat pump equipment**.

For other languages see <http://eur-lex.europa.eu/JOHtml.do?uri=OJ:L:2007:335:SOM:EN:HTML> and select another language.

NEW LINKS ADDED

Official Organisations-Governmental Institutions -UK

BERR (Department for Business, Enterprise and Regulatory Reform)

Pages intended as a guide to stakeholders on F-Gas Regulation

<http://www.berr.gov.uk/innovation/sustainability/fgases/page28889.html>