

F GAS PYRAMID – DENMARK INPUT

LEVEL	DENMARK ACTION
F Gas Regulation	<p>Published 14 June 2006</p> <p>Effective from 4 July 2007, EU Regulation directly applicable in Member States: Regulation (EC) No 842/2006 of 17 May 2006 (102 KB) on fluorinated greenhouse gasses.</p>
Commission Regulations	As Above
Member states implementation	<p>Denmark already setup related laws before the F-gas regulation was implemented:</p> <p>BEK nr 552 af 02/07/2002 https://www.retsinformation.dk/Forms/R0710.aspx?id=12578 English: http://www.hfc-fri.dk/ root/media/19348_HFC-bekendtg%F8relsen%20ENG.pdf</p> <p>From 1st January 2006 to 1 January 2011, it is generally prohibited to use, import and sell the fluorinated greenhouse gases (HFCs, PFCs and SF6).</p> <p>For some applications, however, a gradual phase-out is provided. For example, the use of HFCs in PU-Foams, heating pipes, spray cans and car tires is banned from 1 September 2002.</p> <p>After 1st January 2007 greenhouse gases in refrigeration plants, heat pumps, air conditioning and dehumidifiers with a charge of more than 10 kg are no longer to be used. This regulation came into force on 15 July 2002 and is repealed automatically on 1 January 2011, unless otherwise determined by that date.</p> <p>The industrial greenhouse gases are also regulated by the Law on tax on certain ozone-depleting substances and certain industrial greenhouse gases, administered by the tax.</p> <p>http://www.retsinfo.dk/ GETDOC /ACCN/A20010020829-REGL</p> <p>Tax law stipulates that there is a need for a green fee to be paid to the state when purchasing or importation of the fluorinated greenhouse gases. The tax on industrial greenhouse gases is differentiated - ie. if the gases have the biggest impact on the climate, the tax imposes is highest. The law entered into force 1 January 1989</p> <p>In addition, the Labor Inspectorate (arbejdstilsynet) has also setup rules for the work environment which must be complied with.</p>

	<p>For example BEK 100 2007: Use of pressure equipment. In order to fulfil this requirement as "Specialised Company" working with pressurised systems, the company must have a quality management system (In Denmark the system has to be certified according to ISO9001).</p>
Certification bodies	<p>KMO, Refrigeration Industry-Environment Scheme - certification body</p> <p>KMO, Refrigeration Industry-Environment System, designated by the Environmental Protection Agency, to perform certification of businesses and staff to work in category II-IV.</p> <p>KMO must also make records for category I-IV, which makes it possible to verify an authorized person or company status, which indicates that the approval process occurred correctly.</p> <p>http://www.kmo.dk/</p> <p>As required in the F-gas regulation, the Certification from EU is usable in all EU member states, but in DK the Danish Working Environment Authority sets up further demands. This means that a EU certified company/person will have to get approval from the Danish Working Environment Authority before they can work in DK.</p>
Evaluation bodies	<p>Bureau Veritas</p> <p>This evaluation body makes evaluation on the ISO 9001, 154001 18001 yearly. But it does not directly follow up on the F-gas, only via these ISO standards.</p>
Training institutes	<p>So far, EPA estimated that the following educational institutions courses meet the regulation requirements for Category II training:</p> <ul style="list-style-type: none"> • Den Jydske Haandværkerskole, http://www.hadstents.dk/ • The Jydske Haandværkerskole, http://www.hadstents.dk/ (This is the main school for the education) • Københavns Maskinmesterskole, http://www.kme.dk/ • Copenhagen Engineer School, (only for Category 2) http://www.kme.dk/ <p>After training person/companies need to be approved by KMO.</p>
Certified companies	<p>List of certified companies :</p> <p>http://translate.google.com/translate?hl=da&sl=da&tl=en&u=http://www.kmo.dk/947.aspx&rurl=translate.google.com&anno=2</p>

	<p>Certification first seriously started in 1 July 2009.</p> <p>There are still many companies that need to be certified before 4 July 2011.</p> <p>Estimated status:</p> <ul style="list-style-type: none"> • ISO 9001 Companies - approximately 2/3 are still not certified. • Rest of the companies - 4/5 are still to be certified
<p>Certified persons</p>	<p>There is a clear overview of the different persons certified in Denmark/ This data is available at Refrigeration Association environment Agreement (Kølebranchens Miljøordning)</p> <p>http://www.kmo.dk/</p> <p>Status: See under certified companies.</p>
<p>Operations</p>	<p>These will in most cases be guided by the service companies. This has not changed even though the f-gas regulation was implemented.</p>