

Service Power Technologies  
SF<sub>6</sub>-training and certification  
recovery of SF<sub>6</sub>-gas

# Certification for the recovery of SF<sub>6</sub>-gas

EU Regulation No. 842/2006 requires that certain activities involving greenhouse gases shall be carried out only by personal who is adequately qualified and can furnish appropriate proof of their qualification in the form of an personal certificate.

## Legal basis

The Kyoto Protocol was resolved upon in December 1997 and is an additional protocol to the United Nations Framework Convention on Climate Change (UNFCCC) focusing on the issues of climate protection. The Convention, which came into effect in 2005 and will expire in 2012, for the first time defines legally binding target levels for greenhouse gas emissions which are viewed as the primary cause of global warming.

On account of the substance-specific greenhouse potential of fluorinated gases, EU Regulation No. 842/2006 was put into force by the European Parliament and the Council of Europe on May 17th, 2006, focusing on certain fluorinated greenhouse gases. The primary goal of this Regulation is to reduce the emission of such fluorinated greenhouse gases and to protect the environment.

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## Objectives of the regulation

- Adequate training and certification of the personnel performing certain activities specified
- Reducing both the emissions and the use of the fluorinated gases (F-gases) referred to
- Recovering, recycling, reprocessing and destroying the F-gases
- Labeling and disposal of products and systems containing such F-gases
- Reporting on the use of the gases (monitoring/recording the SF<sub>6</sub> quantities) imported and exported into/from the European Union, as well as on their production
- Monitoring the relevant forms of application and the bans on the circulation of products and systems involving such gases

In accordance with EU Regulation No. 305/2008, the new German and European legislation requires that operating companies and manufacturers of SF<sub>6</sub>-based electrical high-voltage equipment >1kV shall furnish proof of the adequate training of the employees entrusted with work involving SF<sub>6</sub>-gas recovery; such proof shall be provided through appropriate tests and certificates.

### Implementation

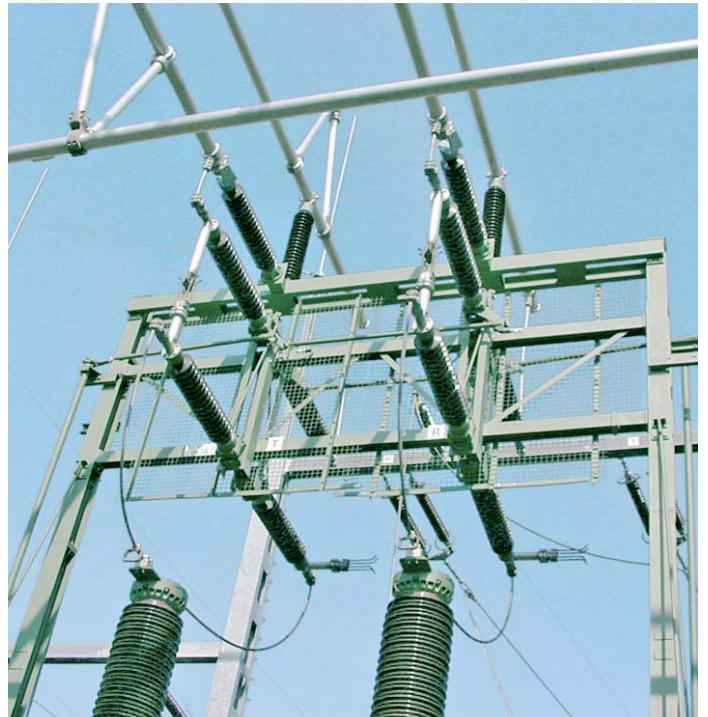
As a registered certification body, ABB has a certification program in place that is in line with the applicable EU provisions. EU Regulation No. 305/2008, Article 8, provides for mutual acceptance of the appropriate certificates among the EU member states. The Regulation is exclusively intended to assure emission-free handling of SF<sub>6</sub> wherever possible. Both examination and training will not be manufacturer-specific.

Personnel concerned with such activities is required to be certified in accordance with the EU Regulations by July 4th, 2009.

### Target group

Personnel in the electrical power transmission and distribution industry, i.e. of

- Operating companies
- Manufacturers
- Service contractors
- Other personnel involved in the installation, operation, maintenance, shutdown and deconstruction of such equipment and in the recovery of SF<sub>6</sub>-gas



### Description of the training course

Prior to the beginning of the course, each participant will receive preparatory training material.

On the first day, the theoretical part of the course, the participants will be instructed in a small group in order to prepare for the special subject matter and for the examination.

On the second day, a written theoretical examination and the practical training will take place. At the end of the training, the participants will complete the course with a practical examination.

### Advantage

Upon successful completion of the examinations, the participant will receive a personal certification (Certificate), that is unlimited in time and will entitle him/her to withdraw SF<sub>6</sub>-gas from high-voltage switchgear in conformity with the EU F-Gas Regulation.



# Registration

## Expert knowledge certificate for the recovery of SF<sub>6</sub>-gas

### Personal data

First Name	_____	Last Name	_____
Company	_____	Department	_____
Street	_____	Zip Code /City	_____
Telephone/Mobil	_____	E-Mail	_____

### Conditions for participation:

Please refer to our homepage at [www.abb.de/Messe/Events](http://www.abb.de/Messe/Events) to find out about the dates of upcoming courses.

- I have had experience in handling SF<sub>6</sub>-gas for ..... years  
Duration of the training course: 2 days

### Fee and services included:

The net fee is € 1,150 per person and includes:

- Seminar material
- Beverages and refreshments during breaks
- Lunch
- Our trainings are subject to the „General Conditions of SF<sub>6</sub>-Courses“ which are enclosed

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\_\_\_\_\_  
Date / Signature

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