



## ERP-SERVICES (ENERGY RELATED PRODUCTS)

### GENERAL

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The European Union directive (2009/125/EU) for Energy-related Products (ErP) aims to reduce the environmental impact of products at the same time preserving their functionality and usability. For example in several appliances there is so-called stand-by mode that is consuming energy when the appliance is not used. Products must in the future be designed so that their energy consumption is minimized but the same functions are preserved.

According to the definition of European Commission the directive is valid for products having an impact on energy consumption when used. Energy-related products are all products using energy as well as energy-saving products, e.g. windows and certain water-saving products with the help of which water can be saved and as a result of this the energy used for water heating.

### ErP-DIRECTIVE SERVICES

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- Customer specific and open seminars
- Expert services
- Testing services
- Environmental management systems
- Verification of Technical Documentation File and Certification

### CUSTOMER-SPECIFIC SEMINARS

We offer customer-specific training for the compliance of the requirements with the ErP directive with regard to eco-design and IM standards (Implementation Measure). We give you guidance on ErP compliance for compliance of the specific product with the ErP directive and which obligations the ErP directive sets on the manufacturer and sub-contractors. We also help you to prepare the technical documentation file (TDF).

### SGS ACADEMY SEMINARS

SGS Academy arranges regularly open seminars for ErP issues. See our training schedule.

### EXPERT SERVICES

Our experts give you information about valid standards and requirements set for specific products (e.g. Europe, Australia, New Zealand, Korea and China).

### TESTING SERVICES

The European Commission has laid out requirements for several energy-related product groups. Electrical and electronic products can be objected to various performance tests depending on parameters that need to be tested.

### ENVIRONMENTAL MANAGEMENT SYSTEM

To meet the ErP requirements it is necessary to upgrade the Environmental Management System. Additionally product environmental assessment must be carried out for each products or product groups. SGS helps companies to develop environmental policies.

## ISO 14001:2004 WORLDWIDE

Certification of Environmental Management Systems (EMS) according to standard ISO 14001:2004 enables companies to demonstrate their commitment to the environment. The standard provides guidelines how to manage the environmental aspects of business activities more effectively taking into consideration environmental protection, pollution prevention and socio-economic needs.

## EMAS IN EUROPE

EMAS (Eco-Management and Audit Scheme) is an acronym for the EU regulation on voluntary participation in a joint system for the environmental management and assessment. With its help companies and other organizations can improve their management system and environmental performance as well as evaluate their environmental reporting.

## VERIFICATION OF TECHNICAL DOCUMENTATION FILE

SGS carries out verification of information required by ErP in the technical documentation file as follows:

- Consumer environmental use information
- Disassembly / Recycling information
- Harmonised Standards Testing reports
- Ecodesign elements and reference
- Environmental assessment & Eco-profile (if required)
- Company and Product general description

Based on a TDF that fulfils the requirements of ErP directive, SGS grants a EUP verification of compliance (VOC) for the product or product groups in question.

## CE MARKING

The ErP Directive is part of requirements for CE marking. If products are labelled with the CE marking they must comply with ErP Directive. Manufacturers are required to keep the declaration of conformity ready for inspection.



## CONTACT

For help with any question, email us at: [sgs.fimko@sgs.com](mailto:sgs.fimko@sgs.com)

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WHEN YOU NEED TO BE SURE

