CONSUMER TESTING SERVICES
ELECTRICAL & ELECTRONICS
PRODUCT ENVIRONMENTAL PROFILE

PEP - PRODUCT ENVIRONMENTAL PROFILE
AN ENVIRONMENTAL PASSPORT FOR YOUR ELECTRICAL AND ELECTRONIC EQUIPMENT

WHAT IS A PEP?
Product Environmental Profiles originated 10 years ago when competitors from the Electrical and Electronic industry joined together to harmonize their approach to Life Cycle Assessment (LCA) and designed a standard format for reporting products impacts. The PEPeccopassport® program is the reference system for environmental profile of products from electric, electronic and heating & cooling industries. Product environmental declarations developed under this program are compliant with the ISO 14025 standard. Although not mandatory yet, PEPs are often requested as part of industry good practice.

WHAT IS AN LCA?
LCA is a method that quantifies the potential environmental impacts associated with a product throughout its life cycle i.e. from raw material extraction through: processing, manufacture, distribution, use, repair/maintenance, and disposal or recycling.
WHY SHOULD I DEVELOP A PEP?

Proposed requirements for additional environmental labelling seek to drive product manufacturers in a clear forward direction. Indeed, at the level of the industry, PEP programs provide marketing departments with an efficient tool to differentiate the products. The calculation of the LCA for the products required to prepare a PEP involves the design teams. The results of the analysis provide the designers with a better understanding of the environmental impacts of the products, and drive the development of innovations and the monitoring of improvements in successive generations of products.

HOW CAN WE HELP?

Through our unrivalled network of sustainability experts and consultants in Asia, Europe and North America, SGS can support you with the definition and the implementation of a cost effective programme for the development of Product Environmental Profiles for your products. The services include:

- Life Cycle Assessment in compliance with the requirements of the PEP program
- Writing of the PEP
- Verification of the compliance of the PEP by an accredited reviewer

WHY SGS?

SGS is the world’s leading inspection, verification, testing and certification company. Recognized as the global benchmark for quality and integrity, we employ over 70,000 people and operate an international network with over 1,350 offices and laboratories around the world.

Across the SGS global network, our environmental experts support companies in their sustainable development strategy by helping analyse the life cycle of consumer goods, design more environmental-friendly products and promote related performance.

For more information about the PEPecopassport® programme visit: www.pep-ecopassport.org.

For more information about SGS services visit: www.sgs.com/ee or contact: ee.global@sgs.com.