

Industry Declaration

For the Chinese electrical and electronics enterprises which are at the forefront of science and technology, achieving sustainable production is a must of their future development. The Conformity Model designed by the EU-funded SWITCH-Asia Project “Improving Environmental and Safety Performance in the Electrical and Electronics Industry in China” aims at assisting Chinese electrical and electronics enterprises in the upgrading of their Eco-efficiency, OHS and CSR performance. The Conformity Model is an important guidance document for electrical and electronics enterprises to implement environmental and safety management procedures.

As brand companies in the electrical and electronics industry in China, it is our responsibility and duty to participate in the activities which favor the improvement of environmental and safety aspects as well as sustainable production overall. We support the idea of a step by step development according to the four levels of the Conformity Model. We are willing to attend relevant project activities. We will assist the project team in promoting its capacity building programme in China. We will also invite our suppliers to participate in the project’s training and assessment activities and strive to build a green industry chain together with them. In particular, we would like to launch following initiatives:

- I. To achieve pollution control from the source, maximum restriction and elimination of hazardous substances, green design, eco-efficiency improvement, concerning the ecological building of the whole product life cycle and Extended Producer Responsibility through continuous capacity building of environmental and safety management;
- II. To achieve green procurement by creating incentives throughout the supply chain. We will not only actively engage in product life cycle green assessment and set up a comprehensive oversight system, but also require from our suppliers a strict compliance with relevant regulations. We will control environmental and safety impacts of hazardous substances involved in materials and products throughout our entire industry chain.
- III. To build a green industry chain and clean development mechanism of the sector together with suppliers through learning and studying relevant national and international laws and regulations.

We sincerely hope that all electrical and electronics brand companies will respond actively to this Declaration and that all their suppliers will take action upon it, such as participating in the project’s Training and Assessment Programme. We will prepare for our long term development and progress continuously in order to contribute our efforts to benefiting the environment and therefore the next generations. We hope that an “Ecological Spring” of the Chinese electrical and electronics industry will come soon!

Annex I: Conformity Model Introduction

The Conformity Model was developed by the project consortium based on in-depth study on national and international laws, regulations and standards as well as comprehensive survey on current situation of enterprises. It has important meaning of guidance for Chinese electrical and electronics enterprises, especially for the SMEs that are in developing phase. The Conformity Model seeks to draw up the roadmap of building capacity on environmental and safety management for enterprises with the most compendious words.

The Conformity Model is an important guiding document helping enterprises to assess and improve their capacity in environmental and safety management. SMEs can carry out practical activities according to the targets and requirements involved in the Conformity Model step by step. They can also conduct regular self-assessment to measure the advancement of their progress. In the second half of the project, the project team will select and invite some of the SMEs to participate in the voluntary Assessment Programme and deliver in-depth Assessment Reports including practical recommendations. The feedback from these assessments will be an important basis for further adjusting and fine-tuning of the Conformity Model.

There are four levels involved in the Conformity Model, “Non-complete” (Level 1), “In execution” (Level2), “Under management” (Level 3) and “Continual improvement” (Level 4). Each level corresponds to a detailed set of requirements and targets in accordance with related laws, regulations and standards. The Conformity Model is a summarized group of requirements on gradual improvement of the capability on environmental and safety management.

The Conformity Model provides enterprises with directions and a roadmap of development. The requirements of Level 1 are the fundamental requirements for enterprises. The enterprises corresponding to Level 1 shall comply with relevant laws and regulations, and be aware of standards related to environment and safety. The enterprises corresponding to Level 2 shall have clear concept with regard to environmental and safety performance at the administrative and executive level as well as basic ecological strategy in major segments of the product life cycle. The project encourages SMEs to reach Level 3 as early as possible. The enterprise achieving Level 3 shall not only comply with the laws, regulations and standards but also fulfill an important requirement in which the environmental and safety management of the enterprises shall be based on active and continuous improvement, and ecological strategy during the product life cycle shall be paid closely attention. The enterprise achieving Level 4 shall comply not only with national laws, regulations and standards, but also with the strictest requirements involved in international environmental and safety standards. The Level 4 is the ideal target situation. Although not many enterprises have reached this Level yet, it was still set in the Conformity Model with a view to encouraging enterprises to become pro-active in terms of standards compliance and foster integration of international supply chains.

There are requirements on information publishing in Level 3 and 4 in the Conformity Model. Enterprises achieving these two levels are requested to publish information about environmental protection through effective communication channels for the benefit of the market and the society at large.

The Conformity Model is one of the key founding documents of the project. The Project Consortium hopes to improve it continuously through the project’s Training and Assessment Programme. It is expected to become a service handbook of building capacity on environmental and safety management in the electrical and electronics sector.

Annex II: Conformity Model Criteria

Criteria		Level 1 (Self-Assessment)	Level 2 (External Assessment)	Level 3 (External Assessment)	Level 4 (External Assessment)	
Enterprise Legal Person System Construction	Quality Management	Availability of operative QMS	Availability of QMS accredited by authorized independent certification bodies			
	Environmental Management		Availability of operative EMS	Availability of EMS accredited by authorized independent certification bodies		
	OHS Management			Availability of operative OHS management system	Availability of OHS management system accredited by authorized independent certification bodies	
	CSR Management			Availability of codes of conduct in CSR aspects	Availability of operative CSR management system	
	Relevant Requirements	Provision of safe workplace (fulfillment of legal requirements on building safety and fire safety)				
		Availability of employment contracts of all employees according to relevant national laws and regulations				
		No worker under the age of 16				
		Fulfillment of relevant national laws and regulations on working hours, over time and day off				
		Regular, timely and fair payment of salary and social benefits to all employees				
		Fulfillment of relevant local regulations on minimum wage and social benefits				
		Fulfillment of requirements in national laws and regulation concerning underage workers (between 16 and 18)				
		Availability of fire safety system				
		Availability of work guides for different types of work				
		No forced labor				
Availability of unhindered emergency exit(s) at workplace(s)						
Availability of enterprise's internal rules on protecting employees against discrimination, such as equal pay, gender equality, etc.						
Availability of enterprise's internal rules on protecting the dignity of employees, such as elimination of corporal punishment, beatings, insults, threats, sexual harassment, etc.						
Fulfillment of relevant regulations on air quality and illumination in production area(s)						
Availability of operation specifications for all chemicals, Fulfillment of relevant standards on safe storage of chemicals						
Labeling all chemicals						
Provision of written information about possible risk caused by operation of dangerous or (and) toxic substances;						
Provision of correct method of operation						
Product Quality	Fulfillment of requirements on product quality in relevant laws / regulations / standards					
Energy Efficiency	Labeling the product(s) listed in the energy efficiency labeling catalog with China Energy Label					
Ecological Strategy of Product Life Cycle (PLC)	Eco-design		Availability of eco-design system for core products	Availability of eco-design system for main products	Availability of eco-design system for all products	
		All the phases of the production life cycle shall be considered by eco-design including: 1. procurement, selection and use of raw materials and semi-finished products, 2. packaging, storage and transportation, 4. use and maintenance, 5. waste & recovery, etc.. Following three aspects shall be taken into account: I. mandatory legal requirements on environmental protection for instance replacement of hazardous substances, energy efficiency, noise, electromagnetic pollution, recovery and recycling rates, etc.; II. non-mandatory requirements on environmental protection for instance requirements on hazardous substance in production and packaging materials; III. eco-design requirements not defined clearly in laws and regulations for instance minimizing of parts, sorts and quantity of production materials, high standardization and universalization, product design under equivalent life principle as well as facilitation of repair, maintenance, disassembly, storage and transport.				
	Hazardous Substances		Fulfillment of (China or EU) RoHS requirements on the management of following 6 hazardous substances: lead (Pb), mercury (Hg), cadmium (Cd), hexavalent chromium (Cr6+), polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE)			Restriction of the use of following additional hazardous substances**: organic chloride (PCB, PCN, CP Mirex and other organic chloride), organic bromine (TBBP-A-bis and other organic chloride), Organotin (TBT and Triphenyltin compounds), asbestos, azo-compound, methanal and polyvinyl chloride (PVC)
		Restriction of the use of all hazardous substances				
	Selection, Procurement and Use of Materials		Availability of Procurement Standard Documents (PSD) with requirements on the use of hazardous substances			Availability of supporting documents on supplier compliance with the PSD
		Availability of information about contents of chemicals				
	Production and Manufacture		Availability of enterprise's internal rules on consumption of resources and energy			Availability of requirements on physical pollutions, such as noise, radiation and electromagnetic field
		Availability of information about the sort and quantity of pollution emission				
		Availability of requirements on waste disposal				
		Availability of information about greenhouse gas emission				
		Availability of requirement on greenhouse gas reduction				
	Packaging, Storage and		Availability of principle of packaging materials selection and requirements on hazardous substances			Availability of requirement on greenhouse gas reduction
		Availability of requirements on storage and transportation				
	Use and Maintenance		Provision of after-sale service to the customer according to the relevant laws;			Availability of product information form (PIF) including name of the company, product name, product type, time to market, product use, marketing target, product characteristics, size & weight, product pictures, prospective waste and the possibility of reuse and recycling
Fulfillment of the "PROVISIONS ON THE LIABILITY FOR THE REPAIR, REPLACEMENT AND RETURN OF SOME COMMODITIES" for the product(s) listed in the Catalogue of Some Commodities for "Three Guarantees" (Three Guarantees: Repair, Replacement and Return)						
Waste and Recovery		Availability of after-sale service guarantee			Availability of after-sale service system	
	Fulfillment of recovery targets required in EU WEEE (eventuell 5% less)					
Information Publishing and Metrics	Approach			Availability of methodology on eco-design evaluation (methods on measuring the effect of eco-design)	Availability of methodology on eco-design evaluation and optimization of following parameters: material efficiency, energy efficiency, universal rate, recovery rate, recycling rate and mean time between failure	
	CSR Report			Availability of system of information collection and publication; Publishing of environmental, OHS and CSR information annually	Availability of system of information collection and publication; Publishing of environmental, OHS and CSR information bi-annually	
	Third Party Consultation				Availability of measures on monitoring hazardous substances (internal or external)	