

ECO-Design Requirements for **EuP (2005/32/EC):** **Standby & Off Mode Losses (1275/2008/EC)**



What is EuP Directive?

The Directive 2005/32/EC on the eco-design of energy-using products (EuPs) was come into force in August 2007.

The Directive set up a framework which implementing measures (IMs) will be developed at particular product groups. EuPs complying with the eco-design requirements laid down in IMs would bear the "CE" marking.

Enforcement Date: 7 January 2009
Implementation Date: 7 January 2010

Definitions of Standby and Off Mode

Standby mode

- A condition which the equipment is connected to the main power source depends on energy input from the mains power source to work as intended and provides **only** the reactivation function, or reactivation function with an indication of enabled reactivation function, or status display.

Off mode

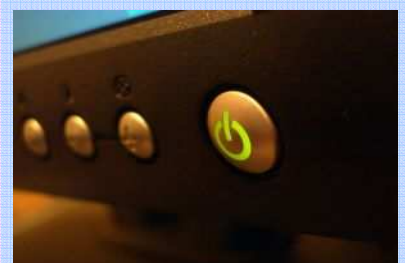
- A condition which the equipment is connected to the main power source and is not providing any function or providing only an indication of off-mode condition.

List of EuPs Covered by This Regulation

1. Housing appliances

- Washing machines
- Clothes dryers
- Dish washing machines
- Cooling appliances
- Electric ovens
- Electric hot plates
- Microwave ovens
- Toasters
- Fryers
- Grinders, coffee machines and equipment for opening or sealing containers or packages
- Electric knives
- Other appliances for cooking and other processing of food, cleaning and maintenance of clothes
- Appliances for hair cutting, hair drying, tooth brushing, shaving, massage and other body care appliances
- Scales

**"CMA Testing - Your
Reliable EuPs
Conformity
Assessment Partner."**



2. Information technology equipment intended primarily for use in the domestic environment

3. Consumer equipment

- Radio sets
- Television sets
- Video cameras
- Video recorders
- Hi-fi recorders
- Audio amplifiers
- Home theatre systems
- Musical instruments
- Other equipment for the purpose of recording or producing sound and image other than by telecommunications
- Hand-held video game consoles
- Sports equipment with electric or electronic components
- Other toys, leisure and sport equipment



4. Toys, leisure and sports equipment

- Electric trains or car racing sets

Effective Dates and Requirements

		Stage 1	Stage 2
		7 Jan 2010	7 Jan 2013
Power consumption requirements			
Standby mode	Only reactivation function	≤ 1W	≤ 0.5W
	Only information or status display/ combination of reactivation function and information or status display	≤ 2W	≤ 1W
Off mode		≤ 1W	≤ 0.5W

CMA Testing offers **total solutions** on the EuP Directive **standby and off mode loss requirement**, including **laboratory testing** and **life cycle assessment**, assists you market your products to EU successfully! Please contact us for further details.

Mr. William Wan

Tel: (852) 2690 8266

Fax: (852) 2252 4296

Mobile: (852) 6059 9629

Email: williamwan@cmatcl.com

Ms. Kristy Yeung

Tel: (852) 2256 8840

Fax: (852) 2252 4296

Mobile: (852) 6059 9620

Email: kristyyeung@cmatcl.com

Mr. Jacky Chiu

Tel: (852) 2256 8803

Fax: (852) 2252 4296

Mobile: (852) 6059 9645

Email: jackychiu@cmatcl.com

www.cmatcl.com

CMA Industrial Development Foundation Limited

Room 1302 Yan Hing Center, 9-13 Wong Chuk Yeung Street, Fo Tan, N.T. Hong Kong

Tel: (852) 2698 8198 Fax: (852) 2695 4177 Email: info@cmatcl.com

Please contact us in case you choose not to receive our marketing material.