



Customer EuP FAQ

Eco-design Directive 2005/32/EC

The Implementing Measure for Television 642/2009

Intertek is the world's leading EuP authority providing easy and cost-efficient EuP compliance evaluations and declarations for mandatory CE Marking requirements. From any one of our 62 global laboratories, Intertek is uniquely positioned to deliver EuP compliance solutions which are easy to understand, simple in their delivery and sensitive to your cost concerns.

Q: When is the first deadline for Television?

A: The first deadline is January 7th, 2010. Televisions must then meet the following criteria:

- All TVs must satisfy the off-mode criteria of $\leq 1.00W$
- All TVs must satisfy the standby-mode criteria of $\leq 1.00W$ or $\leq 2.00W$ if they have an information or status display
- All TVs must have a standby-mode and/or an off-mode and/or another mode not exceeding the applicable requirements of standby/off-mode.

Q: What are the other deadlines?

A: The eco-design requirements for televisions will be enforced in four different stages, January 7th 2010, August 20th 2010, August 20th 2011 and April 1st 2012.

Eco-design Requirements

From 7 Jan 2010

- All TVs must satisfy the off-mode criteria of $\leq 1.00W$
- All TVs must satisfy the standby-mode criteria of $\leq 1.00W$ or $\leq 2.00W$ if they have an information or status display
- All TVs must have a standby-mode and/or an off-mode and/or another mode not exceeding the applicable requirements of standby/off-mode.

From 20 August 2010

- All TVs must satisfy the on-mode criteria of:
 - Full HD TVs ≤ 20 (15 for TV monitors) + $A^{[1]} * (1.12 * 4.3224)W/dm^2$
 - Other resolution TVs ≤ 20 (15 for TV monitors) + $A * (4.3224)W/dm^2$
- If TVs have a forced menu, they must have a "Home Mode" as the default. If another mode is selected, there must be another selection process to confirm this choice
- All TVs must be delivered in a mode which is at least 65% of the peak luminance of the brightest on-mode condition provided by the TV.

From 20 August 2011

- All TVs must satisfy the off-mode criteria of $\leq 0.3W$ or $\leq 0.50W$ if there is an easily visible hard-off switch achieving $\leq 0.01W$
- All TVs must satisfy the standby-mode criteria of $\leq 0.50W$ or $\leq 1.00W$ if they have an information or status display
- All TVs must have a standby-mode and/or an off-mode and/or another mode not exceeding the applicable requirements of standby/off-mode.

- All TVs must have an automatic switch from "on-mode" to "standby-mode" or "Off-mode" after a maximum of four hours following the last user interaction, with a warning prior to switching and this must be enabled by default.

From 1 April 2012

- All TVs regardless of resolution must satisfy the on-mode criteria of: ≤ 16 (12 for TV monitors) + $A * (3.4579)W/dm^2$

^[1] The screen area expressed in dm^2

Q: What's the purpose of the IM for Televisions?

A: The purpose of the IM for televisions is to gradually phase-out certain products that are not energy efficient. Any product falling into the scope of the IM sold on the EU market has to meet the EuP directive. Simply put, if your product does not meet the IM you are not able to CE mark and sell your product in the EU.

Q: What does the different stages entail?

A: Within the different stages, the requirements are set after; on-mode-and standby/off power consumption, home-mode for television which are delivered with a forced menu and peak luminance ratio.

Q: Where do I find the original Commission Regulation?

A: To read the original Commission Regulation no. 642/2009, please click here.

Q: Why choose Intertek?

A: Intertek cuts through the clutter of the EuP Directive and compliance language to give manufacturers a clear and simple path to what's most important –

- cost-efficient compliance solutions,
- easy market access,
- peace of mind.

Intertek's EuP Compliance Program: A GREENER way to market

Intertek's EuP solutions are broken into two categories:

EuP Training & Consulting

- **EuP Training & Consulting:** Learn *WHAT* your quickest and most cost-efficient compliance options are. We'll tell you *IF*, *WHEN*, and *HOW* EuP will affect your product.
- **EuP Eco Software Analysis:** Let Intertek perform an analysis of your product's Ecological profile according to the EuP directive specifications

EuP Compliance

- **EuP Pre-Compliance Verification:** Learn how your product measures up against proposed and future EuP regulations for R&D purposes, compliance planning and to determine market readiness.
- **EuP Compliance Verification:** Receive full verification to the appropriate EuP Implementing Measures and Intertek will deliver a test report for your product's technical file and Statement of Compliance for legal CE Marking. We'll also advise and provide you with the most cost-effective path to compliance with other New Approach Directives.

Quality and Environmental Management Systems and EuP: In addition to third-party testing, the EuP Directive allows for compliance via a manufacturer's own Environmental or Quality Management System approach. For this, manufacturers must still meet the conformity assessment requirements of the applicable Implementing Measures. In short, manufacturers must still have the appropriate testing and eco-design data to support a compliance claim. But, manufacturers must have documented processes within current EMS or QMS. Intertek can support manufacturers with guidance on structuring their EMS or QMS to facilitate internal testing and proper documented procedures for EuP compliance and technical file preparation, or provide support with the actual testing and Statement of Compliance.