

**NORDSYN SEPTEMBER 2015**

Televisions are covered by ecodesign requirements according to Regulation (EC) No 642/2009 and amendment (EU) No 801/2013. Furthermore televisions are covered by energy labelling according to (EU) No 1062/2010.

The requirements only apply to televisions as described in Article 1 and 2 of the regulation.

The documentation shall be produced before the television is placed on the market.

The technical documentation shall be sufficient to enable assessment of the conformity of the television with the requirements. In this respect it is important that test reports are included in the technical documentation.

Televisions

This guide presents the technical documentation that you have to provide if the market surveillance authorities ask for it. There are however other information requirements and requirements on web-information that you always need to fulfil according to the regulations.

Technical documentation for televisions

Demands	How to comply
Name and address of supplier	Company name and complete address.
General description	Description of the model so that it is easily identified (model name and number, screen size etc.) – and a list of equivalent product models, if relevant.
List of applied standards	Applied measurement standards (harmonised standards and/or other standards).
Identification and signature of the person empowered to bind the supplier	Name and signature of the person responsible for the product.
Models where the data is obtained from another product model	Where the information in the technical documentation is based on calculation or extrapolation from another television model, details of such calculations or extrapolations shall be included. Furthermore a list of all other equivalent televisions where the information is obtained on the same basis shall be provided.
Test conditions	- Ambient temperature - Test voltage in V and frequency in Hz - Total harmonic distortion (THD) of the electricity supply system - The input terminal for the audio and video test signals - Information and documentation on the instrumentation, set-up and circuits used for electrical testing
On-mode	- Power consumption data in Watt (W). Data shall be rounded to first decimal place for power consumption up to 100 W and to the first integer for power consumption above 100 W. - The characteristics of the dynamic broadcast-content video signal representing typical broadcast TV content. - Sequence of steps to achieve stable condition with respect to power consumption. - For televisions with a forced menu: the ratio between the peak luminance of the home-mode and the peak luminance of the brightest on-mode condition provided by the television expressed in percentage (%). - Description of the relevant characteristics of the tuner used for measurements.

Technical documentation for televisions

Demands	How to comply	
For each standby or off-mode	- Power consumption data in Watt (W). Data shall be rounded to the second decimal place. - Description of how the mode was selected or programmed. - Sequence of events to reach the mode where the television automatically changes modes.	
Automatic power down Apply only to ecodesign	The duration of on-mode before the television automatically switches to standby or off- mode or another condition with similar low power consumption.	
For networked standby Apply only to ecodesign	- Number and types of network ports, and the locations of network ports (except wireless network ports) on the equipment. - Declaration if the same physical network port accommodates two or more types of network ports. - State whether all network ports are deactivated before delivery - State whether equipment is a HiNA equipment or equipment with HiNA functionality.	← If no information is provided, the television is considered not to be a networked television ← If no information is provided, it is considered not the case
For each type of network port Apply only to ecodesign	- Default time after the power management or a similar function switches the equipment into a condition providing networked standby. - State the trigger used to reactivate the equipment. - Maximum performance specifications. - Maximum power consumption of the equipment in a condition providing networked standby (given the equipment is switched into this condition by power management or similar function), if this port is used to reactive the equipment. - State the communication protocol used by the equipment.	
Hazardous substances Apply only to ecodesign	- If the television contains mercury: the content of mercury as X.X mg. - If the television contains lead it shall be mentioned.	← The information shall only be provided if relevant. For instance televisions with back- light based on LED technology do not contain mercury
Copy of information on website Apply only to ecodesign	Copy of information that shall be public available on a website (according to regulation 642/2009/EC Annex 1 item 5.2).	

This guide presents the contents of the Regulations and is addressed to manufacturers, importers and others interested. The guide is not a substitution for the Regulations, and in any case of doubt, the Regulations are applicable. This guide is not legally binding as a binding interpretation can only be made by the EU court.

COMMISSION REGULATION (EC) No 642/2009 of 22 July 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for televisions.

COMMISSION REGULATION (EU) No 801/2013 of 22 August 2013 amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation (EC) No 642/2009 with regard to ecodesign requirements for televisions.

COMMISSION DELEGATED REGULATION (EU) No 1062/2010 of 28 September 2010 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to energy labelling of televisions.

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