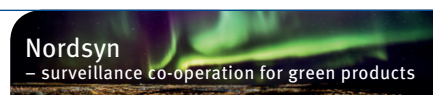




Content of Technical Documentation to provide to market surveillance authorities

**NORDSYN SEPTEMBER 2015***Electrical and electronic appliances are covered by standby ecodesign requirements according to Regulation (EC) No 1275/2008 and Amendment (EU) No 801/2013.**The requirements apply to electrical and electronic household and office equipment as described in Article 1 and 2. The documentation shall be produced before the product is placed on the market.**The technical documentation shall be sufficient to enable assessment of the conformity of the product with the requirements. In this respect it is important that test reports are included in the technical documentation.*

Standby and off mode and networked standby

Electric power consumption of electrical and electronic household and office equipment

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

Technical documentation for standby and off mode and networked standby, electric power consumption of electrical and electronic household and office equipment

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, size etc.).
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.
Standby- and off-modes Power consumption shall comply with the requirement described in regulation Annex II point 1 and point 2. Round to the second decimal place.	For each standby and/or off mode - The power consumption data in Watts. - The measurement method used. - Description of how the equipment mode was selected or programmed. - The sequence of events to reach the mode where the equipment automatically changes modes. - Any notes regarding the operation of the equipment, e.g. information on how the user switches the equipment into a condition having networked standby. - The default time after which the power management function, or similar function, has switched the equipment into the applicable low power mode or condition.
For networked equipment If no information is provided, the equipment is considered not to be networked equipment unless it provides functionalities of a router, network switch, wireless network access point (not being a terminal), hub, modem, VoIP telephone, video phone. If no information provided, it is considered not the case	- 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

Technical documentation for standby and off mode and networked standby, electric power consumption of electrical and electronic household and office equipment

Demands	How to comply
For each type of network port	- Default time after which 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 reactivate the equipment. - State the communication protocol used by the equipment.
Test conditions	- Ambient temperature - Test voltage in V and frequency in Hz - Total harmonic distortion (THD) of the electricity supply system - Information and documentation on the instrumentation, set-up and circuits used
Characteristics of equipment The need to maintain one or more network connections or to wait for a remotely initiated trigger is not considered a technical justification for exemption from the power management requirements set out in 2(d) in the case of equipment that is not defined as networked equipment by the manufacturer.	- State the availability of off mode and/or standby mode and/or power management under ecodesign requirement 1(c), 2(c), 2(d), 3(b) of Regulation Annex II, if applicable, including the time taken to automatically reach the mode. - Technical justification shall be provided if the requirements on off-mode, standby mode and power management under point 1(c), 2(c), 2(d), 3(b) of the Regulation Annex II are inappropriate for intended use of the equipment.

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 1275/2008 of 17 December 2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off mode electric power consumption of electrical and electronic household and office equipment.

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.

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