

OFFICE IT EQUIPMENT: INKJET PRINTERS STANDARDS

IMPACT AREA	MANDATORY	BEST PRACTICE	CLASS LEADER
Performance Requirements	The product meets the energy performance requirements of ENERGY STAR	Same as the mandatory standard	Same as the mandatory standard
Information	Information about the energy save function is provided with the product	Same as the mandatory standard	Same as the mandatory standard
Materials	Plastic materials in covers/housing have surface coatings that are compatible with recycling or reuse, including metal coatings.	Same as the mandatory standard	Same as the mandatory standard
Parts	Plastic parts >100 g consist of one material or of easily separable materials.	Same as the mandatory standard	Same as the mandatory standard
Parts	Plastic parts >25 g have material codes according to ISO 11469 referring to ISO 1043.	Same as the mandatory standard	Same as the mandatory standard
Parts	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	Same as the mandatory standard	Same as the mandatory standard
Labels	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	Same as the mandatory standard	Same as the mandatory standard
Sound Level	<p>During printing operation the 'Declared A-weighted Sound Level' (LWAd) according to ISO 9296, measured in accordance with ISO 7779, shall not exceed the limits set by the following formula: LWAd: $0.035 \times \text{ipm} + 5.9$ (B) Where ipm = images per minute. The devices shall additionally not exceed 7.5 (B) LWAd except for devices with an ipm >71</p>	Same as the mandatory standard	Same as the mandatory standard

MSDS	A Material Safety Data Sheet (MSDS) is available for the ink/toner preparation, even if not legally required.	Same as the mandatory standard	Same as the mandatory standard
Paper	Paper containing recycled fibres that meets the requirements of EN12281 can be used.	Same as the mandatory standard	Same as the mandatory standard
Imaging Speed	Products with an imaging speed of ≥ 45 ipm shall include automatic duplexing as a standard feature at the time of purchase. Automatic duplexing must be offered as a standard feature or optional accessory at the time of purchase for products with an imaging speed of 25 – 44 ipm.	Same as the mandatory standard	Same as the mandatory standard
Packaging	Product plastic packaging does not contain chlorine	Same as the mandatory standard	Same as the mandatory standard
Documentation	User and product documentation do not contain chlorine bleached paper	Same as the mandatory standard	Same as the mandatory standard
Suppliers	Suppliers must provide a free take back system for imaging product consumables (except paper)	Same as the mandatory standard	Same as the mandatory standard

Products awarded the ENERGY STAR label will be deemed to comply with Energy Star criteria.

Appropriate means of proof for all Inkjet Printers standards include a technical dossier of the manufacturer or a test report from a recognised body demonstrating that the criteria are met

[EU-US ENERGY STAR](#)

See the European Commission's announcement that Energy Star criteria be used in central government procurement

OFFICE IT EQUIPMENT: INKJET PRINTERS AWARD CRITERIA

IMPACT AREA	MANDATORY	BEST PRACTICE	CLASS LEADER
Upgrading	Upgrading of product components can be done (e.g. with processor, memory, cards or drives)	Same as the mandatory award criteria	N/A
Upgrading	Upgrading can be done using commonly available tools	Same as the mandatory award criteria	N/A
Parts	Spare parts are available after end of production for 5 years	Same as the mandatory award criteria	N/A
Cables	Electrical cable insulation material of power cables are halogen free (including PVC)	Same as the mandatory award criteria	N/A
Cables	Electrical cable insulation material of signal cables are halogen free (including PVC)	Same as the mandatory award criteria	N/A
Parts	All cover/housing plastic parts >25 g are halogen free	Same as the mandatory award criteria	N/A
Circuit Boards	All printed circuit boards (without components) >25 g are halogen free	Same as the mandatory award criteria	N/A
Parts	Plastic parts >25 g are free from flame retardant substances/preparations above 0.1% classified as R45/46, R50/51/53 and R60/61 (67/548/EEC)	Same as the mandatory award criteria	N/A
Documentation	User and product documentation contain recycled paper	Same as the mandatory award criteria	N/A

Appropriate means of proof for all Inkjet Printers award criteria standards include a technical dossier of the manufacturer or a test report from a recognised body demonstrating that the criteria are met
