

Department for Environment Food and Rural Affairs

### Scanners standards

Date	Version No.	Change
May 2008	1.0	Introduction of Best Practice specifications
May 2009	2.0	Complete revision, including the introduction of Class Leader specifications and Award Criteria

IMPACT AREA	MANDATORY
Energy performance requirements	The product meets the performance requirements of ENERGY STAR or equivalent
Promoting more efficient practice: energy save function	Information about the energy save function is provided with the product
Parts: facilitating segregation and recovery	Plastic materials in covers/housing have surface coatings that are compatible with recycling or reuse, including metal coatings
Parts: facilitating segregation and recovery	Plastic parts >25 g have material codes according to ISO 11469 referring to ISO 1043
Parts: facilitating segregation and recovery	Spare parts are available after end of production for 5 years
Light sources	Light sources are free from mercury
Packaging	Product plastic packaging does not contain chlorine

IMPACT AREA	BEST PRACTICE
Energy performance requirements	Same as the mandatory standard
Promoting more efficient practice: energy save	Same as the mandatory standard

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function	
Parts: facilitating segregation and recovery	Same as the mandatory standard
Light sources	Same as the mandatory standard
Packaging	Same as the mandatory standard

IMPACT AREA	CLASS LEADER
Energy performance requirements	Same as the mandatory standard
Promoting more efficient practice: energy save function	Same as the mandatory standard
Parts: facilitating segregation and recovery	Same as the mandatory standard
Light sources	Same as the mandatory standard
Packaging	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 Scanner standards include a technical dossier of the manufacturer or a test report from a recognised body demonstrating that the criteria are met

**See also**

- [EU-US ENERGY STAR](#)  
 See the European Commission’s announcement that Energy Star criteria be used in central government procurement

**Laser multi functional devices (MFDS) award criteria**

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<b>IMPACT AREA</b>	<b>MINIMUM AWARD CRITERIA</b>
Parts: facilitating segregation and recovery	<i>Plastic parts &gt;100 g consist of one material or of easily separable materials.</i>
Parts: facilitating segregation and recovery	<i>Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.</i>
Parts: facilitating segregation and recovery	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).
Chemicals in components	Electrical cable insulation material of power cables are halogen free (including PVC)
Chemicals in components	Electrical cable insulation material of signal cables are halogen free (including PVC)
Chemicals in components	All printed circuit boards (without components) >25 g are halogen free
Chemicals in components	All cover/housing plastic parts >25 g are halogen free
Chemicals in components	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)
Documentation	User and product documentation do not contain chlorine bleached paper

<b>IMPACT AREA</b>	<b>BEST PRACTICE AWARD CRITERIA</b>
Parts: facilitating segregation and recovery	Same as the minimum award criteria
Chemicals in components	Same as the minimum award criteria
Documentation	Same as the minimum award criteria

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IMPACT AREA	CLASS LEADER AWARD CRITERIA
Parts: facilitating segregation and recovery	Same as the minimum award criteria
Chemicals in components	Same as the minimum award criteria
Documentation	Same as the minimum award criteria

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