

Comparison of the Basic Award Criteria for DE-UZ 205, Edition January 2017, and DE-UZ 219, Edition January 2021,
for Office Equipment with Printing Function (Printers and Multifunction Devices)

(Short description of the most important changes, **refer to the criteria for DE-UZ 219 for more detailed information**)

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DE-UZ 219 Paragraph	Criterion	Status in DE-UZ 205	Comment / change in DE-UZ 219
3.1.1.5 (New)	Minimum use of PCR plastics or reused plastic parts	Not included; there was previously only a "should" criterion and an information criterion.	Gradual introduction of a minimum proportion of PCR plastics for the devices certified with the Blue Angel • From 01.01.2021, all devices must contain at least 5g of PCR plastic • All devices for which an application for the Blue Angel is made for the first time from 01.01.2023 must contain 1% PCR plastic • All devices for which an application for the Blue Angel is made for the first time from 01.01.2024 must contain 5% PCR plastic
3.1.4.2 (Amended)	Duplex printing capability	Included	Amendment to match the requirements for the ENERGY STAR 3.0

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DE-UZ 219 Paragraph	Criterion	Status in DE-UZ 205	Comment / change in DE-UZ 219
3.1.5.3 (Revised)	Repair options and spare parts	Included	The revision applies to devices for final consumers, for which a new application for the Blue Angel is made from 01.01.2022: • Spare parts must be made available for 7 years and are explicitly listed in a table • The distributor must offer repair options • Professional repairers and consumers must be given access to repair information in the form of instructions, illustrations or exploded view drawings
3.2.3.2 (New)	Restriction on the use of titanium dioxide in toners	Not included; there was previously only a requirement in a footnote	The comment from the footnote has been made into its own criterion. The amount of actively added TiO ₂ in the toner must be lower than 1%.
3.3.2 (Revised)	Particle emissions from electrophotographic devices	Test value PER _{10 PW} [particles/10min] of $\leq 3.5 \cdot 10^{11}$	Gradual reduction of the limit value (PER₁₀) for fine particle emissions: • From 01.01.2023, <u>all certified devices</u> must comply with a test value for PER_{10 PW} [particles/10min] of $\leq 3.0 \cdot 10^{11}$ • From 01.01.2025, <u>all certified devices</u> must comply with a test value for PER_{10 PW} [particles/10min] of $\leq 2.5 \cdot 10^{11}$

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DE-UZ 219 Paragraph	Criterion	Status in DE-UZ 205	Comment / change in DE-UZ 219
3.4.1 (Amended)	Typical energy consumption (TEC) according to the ENERGY STAR	Own limits for ENERGY STAR 2.0 TEC values.	Adoption of the ENERGY STARS 3.0 limits for the TEC value.
3.4.4.2 (New)	Auto-off function	Not included	Devices designed for final consumers, for which a new application for the Blue Angel is made from 01.01.2022, must be set in their delivery status to switch to off-mode after a maximum of 4 hours without a printing operation.
3.5 (Revised)	Noise emissions while printing	Included	The test limit to be fulfilled has been made slightly stricter.
3.6 (New)	Social criteria	Not included	Three criteria have been added that focus on the sourcing of raw materials and also the conditions during the manufacturing process. In some cases, the compliance verifications must only be submitted during the term of validity of DE-UZ 219.
3.6.1 (New)	Due diligence of companies in the sourcing of raw materials		Manufacturers must carry out due diligence with respect to human rights for tin, tantalum, gold and tungsten.
3.6.2 (New)	Support for local initiatives to promote responsible mining		Manufacturers must support certain initiatives that promote the sustainable mining of the stated raw materials in conflict regions.
3.6.3 (New)	Social sustainability in the manufacturing process		The manufacturer must comply with the 8 ILO fundamental labour standards in level 1 and also level 2 of the supply chain. Compliance in level 1 must be verified with an audit.