


# TCO

TCO	Überblick
logo	
website	www.tcodevelopment.com
logo name	TCO certified
geographical scope	global
Internat. headquart.	The headquarters are located in Stockholm, Sweden, with regional presence in Asia and North America
European headquart.	see international headquarters.
structure	The organization behind the sustainability certification ‚TCO Certified‘ is TCO Development.
aim	Awarding energy efficient IT devices
motto	TCO Certified is the world’s most comprehensive sustainability certification for IT products, helping you make responsible product choices that drive the industry in a sustainable direction.
founding	1992 in Sweden
particularity	Includes social fairness and social criteria in manufacturing.
certificate types	one type of label for all products
standards	Several energy standard specifications, according to ISO / IEC 17025. TCO Certified meets the requirements of the standard ISO14024 Type I Ecolabel. TCO Certified is a product certification. The fact that a single product is certified to TCO Certified, e.g. A notebook does not mean that all laptops of this brand are certified. A product can also be certified for a specific market.  There are several standards related to different product groups.
criteria	(A) Production: (1) ISO1400, EMAS of ind. Manufacturer must be present. (2) Comply with ILO Conventions, UN Convention on the Rights of the Child, OSH legislation and manufacturing country rules regarding minimum wage and social security. (3) Present a policy for conflict minerals. (4) Product sustainability information, which is understood to mean the proportion of recycled plastics.  (B) Usage phase: (1) Energy efficient products according to current version Energy Star. (2) Compliance with good ergonomics and working conditions (including resolution, light intensity, contrast, color rendering, adaptability to users). (2) electrical safety, weak electromagnetic fields, halogen limitation. Flame retardant, min. RoHS directive. (3) Mind. 1 year warranty f. Product, spare parts available for at least 3 years after the end of production d. Model. (3) As a sustainability info energy verb of the device.  (C) end of life phase. (1) Hazardous substances in product, packaging should be low, not included (eg Cd, Q, Pb, Cr, flame retardants. (2) Trademark is responsible for returns, recycling (this is mandatory for products manufactured in Europe). (3) (product and) packaging must be recyclable (4) „Sustainability Information“ requires the indication of the total weight of the product.  Notes: (1) The so-called RoHS Directive No. 2011/65 / EU, previously 2002/95 / EC, is intended to limit the use of certain hazardous substances in electrical and electronic equipment. These directives are in principle replaced and tightened in the EU by the REACH regulation. (2) Hazardous substances are actually regulated in the EU by the REACH Regulation and every European manufacturer is bound by them: it makes sense that some of the substances d. REACH list also for imported product by label as TCO be checked, only then is there a comparability of the products from import with Europ. Products for the procurers. (3) For recycling, a distinction must be made between theoretical recyclability and real recycling capacity in Europe.
decision making	The criteria in TCO Certified are science-based and are developed in an open process with our international network of stakeholders that includes users, buyers, brands, manufacturers, NGOs, researchers and subject matter experts. TCO Certified is classified as a Type 1 Ecolabel and our processes and verification meet the requirements in ISO 14024. TCO Development is impartial during the verification process and certified products must meet all criteria to qualify for TCO Certified.

certification	Compliance with all criteria in TCO Certified is verified by independent verification partners that specialize in IT products, social responsibility or other sustainability issues. They are all accredited to ISO 17025.  Company control is random and many parameters are self-declared (e.g., EMAS). User / Eco-friendliness is checked. Product and d. Manufacturing process.
costs	unknown, not displayed on website
<b>Product groups</b>	
Product groups	Electrical appliances of various types. Displays: 870P; Notebooks: 32 p; Desktops: 21 P; Tablets: 2 P; Smartphone: 1 P; All-in-one PC: 18 P; Projectors: 2 P; Heatseats: 38 p
<b>Requirements for tenderers - selected aspects</b>	
remarks	-