

# TCO Certified Edge All-in-one PCs 1.0



**10 May 2010**

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# Introduction

TCO Certified Edge is a first of its kind certification program to offer an award to those electronics brands that offer truly cutting edge solutions to the market in the areas of environment and usability. TCO Certified Edge is the way TCO Development, together with industry, recognizes and promotes the very best products on the market; products that are at the cutting edge of new technologies; that offer distinct benefits for the user and reduced impact on the environment. TCO Certified Edge is a natural step in further pushing the boundaries of IT design in an environmental and user-centred direction.

This document describes the TCO Certified Edge criteria for all-in-one computers. An all-in-one computer is defined as a desktop computer that houses every component except the keyboard and mouse inside the same case as the display.

To quote parts of this criteria (e.g. in procurements) is allowed, provided the source is properly disclosed and the extent of the quotation is consistent with sound copyright practice.

Stockholm 10 May 2010

TCO Development

Emma Sjögren

Business Area Manager Computers

## **A Criteria**

To comply with TCO Certified Edge All-in-one PCs 1.0 it is enough to fulfil *one* cutting edge criteria. To apply for a TCO Certified Edge certificate it is also necessary that the product is certified according to the regular TCO Certified All-in-one PCs program.

## A.1. Minimum 50% post-consumer recycled plastic content

### **Background**

Overconsumption of natural resources and generation of large volumes of electronic waste are two serious environmental issues today. When material like plastic is recycled and used again, the environmental impact is significantly reduced compared with using new virgin materials. Recycling conserves our natural resources, saves landfill space, conserves energy, and reduces water pollution, air pollution and the green house gas emissions that cause global warming.

### **Definition**

*Recycled plastic* is post-consumer recycled plastic which has been used in products on the market.

*Plastic parts* are all product parts made out of plastic except panels, electronic components, cables, connectors, PWBs, insulating Mylar sheets and labels. This is due to insufficient replacement. This also means that the weight of these items is not included when calculating the total weight of the plastic in the product in this requirement.

**Mandate:**  
The product shall contain a minimum of 50% post-consumer *recycled plastic* by weight of total weight of *plastic parts* in the product.

**The following information shall be submitted to an approved eco-verifier:**

1. Documentation of process flow from material supplier
2. The table below shall be completed and signed by responsible person at the applicant company

**TCO Development has the option to:**

1. Require the following information from brand owner during the time period when the certificate is valid
  - A. Specifications/receipts of ordered plastic from recycled plastic supplier
  - B. Information of the number of *plastic parts* described in the declaration below produced at the production facility during a certain time period
2. Visit the manufacturer that produces the recycled plastic parts used in the product

**The following information shall be submitted with the application to TCO Development:**  
A copy of a verification report from an eco-verifier approved by TCO Development.

We hereby guarantee that the above mandate is fulfilled.

.....  
Product brand name and model name

.....  
Signature

.....  
Name and title in block capitals

.....  
Date

.....  
Company

Total weight of *plastic parts* in product in grams.....

The following table must be completed for all *plastic parts* weighing over 5 grams:

| Name of plastic part | Weight in grams | Type of plastic | Plastic manufacturer name | Plastic model name | Content of <i>recycled plastic</i> in percent |
|----------------------|-----------------|-----------------|---------------------------|--------------------|---|
|                      |                 |                 |                           |                    |   |
|                      |                 |                 |                           |                    |   |
|                      |                 |                 |                           |                    |   |
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|                      |                 |                 |                           |                    |   |
|                      |                 |                 |                           |                    |   |

We hereby guarantee that the above mandate is fulfilled.

.....  
Product brand name and model name

.....  
Signature

.....  
Name and title in block capitals

.....  
Date

.....  
Company

## **B Clarifications**

Below are general clarifications to the criterion described.

### **B.1. Minimum 50% post-consumer recycled plastic content**

External power supplies, keyboards and other peripherals are excluded from the criterion.

TCO Development will choose to use the option to require the optional information in the mandate if given any reason to question the submitted information. In case of plant visits, the costs related to this will be at the expense of the brand owner.