

**ISO/IEC 19798****Information technology — Office equipment — Method for the determination of toner cartridge yield for colour printers and multi-function devices that contain printer components**

*Technologies de l'information — Équipements de bureau — Méthode pour la détermination du rendement de cartouche de toner pour les imprimantes couleur et pour les dispositifs multifonctionnels qui contiennent des composants d'imprimantes*

**Fourth edition  
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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 28, *Office equipment*.

This fourth edition cancels and replaces the third edition (ISO/IEC 19798:2017), which has been technically revised.

The main changes are as follows:

- the note to the term [3.6](#) “test files” has been moved to [5.1 f](#));
- the link address of the test files in [4.7](#) has been updated.

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The purpose of this document is to provide a process for determining the cartridge page yield for a given colour electrophotographic print system (i.e. all-in-one toner cartridges and toner cartridges without a photoconductor) using a standard office consumer type test suite. This test suite is not focused on printing of photographs, but is intended to be a sampling of typical office consumer pages. In the case where a cartridge set can be used in multiple printer models, only one yield test is performed as long as the difference between printer models does not impact yield.

**NOTE** A cartridge supplier can choose to use more than one market identifier for a single physical cartridge. In this case, only one yield test is performed as long as there are no differences in the cartridges other than market identifiers.

This document prescribes the following:

- the test method that manufacturers, test laboratories, etc. used to determine cartridge yield;
- the method for determination of declared yield values from the test results;
- the appropriate method of describing the yield of cartridges in the documentation supplied to the consumer by the manufacturer.

The cartridge yield is determined by an end of life judgment, or signalled with either of two phenomena: fade caused by depletion of the useable toner in the cartridge or automatic printing stop caused by a toner out detection function.