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LaserWriter: Printer Engine Alignment Specs (8/94)

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TOPIC -----

What procedures and specifications does Apple have to certify a LaserWriter printer as fully adjusted?

NOTE: This product has been discontinued and is no longer available.

DISCUSSION -----

The LaserWriter printer engine has the following print quality standards:

- Skew of Vertical Lines - Skew of vertical lines shall not exceed 1.5mm over a 260mm span (letter size paper).
- Horizontal Line Position Accuracy - A horizontal line shall be within 2mm of the position specified by the printing software. The positions from the leading edge shall be measured in the middle of the sheet to avoid the effects of paper skew. Horizontal Line position repeatable at ± 1 mm, page to page.
- Vertical Line Position Accuracy - A vertical line shall be within 2mm of the horizontal position specified by the printing software. ± 1 mm, page to page.
- Print Quality Measurement Procedure - The following test conditions must be implemented when measuring print quality:
 - 1) Use freshly-opened recommended paper and an unopened toner cartridge.
 - 2) Allow packaged cartridge and paper to stand in environment for 2 hours minimum.
Environmental definition: 17.5 to 25 deg C - 30 to 70% humidity.
 - 3) Open both cartridge and paper.
 - 4) Print 15 pages of horizontal lines, 5% coverage, before acquiring

print sample.

5) Print 10 pages of various patterns for measurement.

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31 Aug 1994 - Removed "Discontinued" from title. Reviewed and updated.

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