

*Approved by Director: Dr. Guy Vallaro***Purpose:**

To identify or eliminate, if possible, a ["Known"] machine printer/processor as having produced the type print appearing on a document.

To establish or eliminate, if possible, that a particular ["Known"] machine printer/processor device produced the type print appearing on two or more documents.

To establish or eliminate, if possible, that the same ["Unknown"] machine printer/processor device produced the type print appearing on two or more documents.

**A. Responsibility:**

Assigned section staff

**B. Procedure:****1. Materials:**

Document containing subject (Questioned) typing.

A particular machine printer/processor device or standards obtained from the device which is suspected of producing subject (Questioned) typing.

Optical Enhancement devices as deemed necessary.

Video Spectral Comparator (VSC)

Appropriate Documentation Equipment (Camera/scanner/Photocopier).

**2. Method:**

Determine escapement, type style and type size and vertical spacing.

Examine type characteristics to identify any machine, printing and/or transitory defects which might be present.

Examine ink on the document with respect to color, the presence of extraneous ink, different ink impression intensities, as well as unusual blending or bleeding of ink, elements of fusing processes, traces of toner (dry or liquid), trash marks, splatter, etc. Classify the type of reproduction or printing method utilized on the subject (questioned) and known typing (e.g. letter press, offset, laser print, ink jet print, photocopying, dot matrix, typing etc.).

"Side by Side" inter-comparison examination between the subject (Questioned) typing and standard typing samples to determine if any of the characteristic defects are present in both typing samples.

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**C. Sources of Error:**

Not applicable

**D. References:**

See Bibliography/Reference Materials

RETIRED